

The Bidvest Group Ltd.

Greenhouse Gas Inventory

A qualified carbon footprint calculation on activities
reported by The Bidvest Group Ltd.

2008

(Submitted September 26 2008)

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Total Bidvest Group Ltd carbon emissions by division

Bidvest Division	Total Emissions (Tons CO ₂ e)	Employees*	Emissions per employee
Corporate Services	44 280.07	2 600	17.03
Bidfreight	94 601.21	5 328	17.75
Bidserv	109 215.70	63 493	1.72
Bidvest Asia Pacific	13 203.18	3 298	4.00
Bidvest Europe	122 808.08	8 572	14.33
Bidfood	50 269.53	3 497	14.38
BICP	55 378.71	7 536	7.35
Bidpaper Plus	34 976.20	4 281	8.17
Bid Auto	56 642.91	7 621	7.43
TOTAL	581 375.59	106 226	5.47

* Employees = "Total staff employed" **plus** "Non-permanent employees", as recorded in:

- Bidvest Group – Consolidation Sign-Off Sheet – MHR – 25 Aug – v1.xls
- FOREIGN – Group Consolidation – 2008 Sustainability Report – MHR – 24 Aug –v5.xls

Overview of Bidvest Group Ltd. Carbon Emissions (all divisions)

Reporting Period: July 2007 – June 2008

Carbon Footprint calculations conducted on: Bidvest Group Ltd. (all divisions)

Methodology: Greenhouse Gas Protocol – Corporate Accounting and Reporting Standard

Number of employees: 106 226

Percentage of Bidvest staff covered by report: 100%

Total square meterage of office/facility space – Information not available

<u>SCOPE 1 Direct Emissions from: (2007):</u>	<u>Tons</u>
Vehicles and Equipment owned or controlled consuming petrol	48 672.68
Vehicles and Equipment owned or controlled consuming diesel	178 459.71
Vehicles and Equipment owned or controlled consuming LPG	4 036.25
Vehicles and Equipment owned or controlled consuming LNG	15.13
Vehicles and Equipment owned or controlled consuming Coal	37 892.20
<u>SCOPE 2 Indirect Emissions from:</u>	
Purchased Electricity	277 028.05
TOTAL SCOPE 1 & 2 EMISSIONS:	546 104.02
<u>SCOPE 3 Indirect Emissions from:</u>	
Business travel in commercial airlines	9 168.57
Emissions to air: Methane	6 573
Emissions to air: Nitrous Oxide	19 530
TOTAL SCOPE 3 EMISSIONS:	35 271.57
TOTAL SCOPE 1,2 & 3 EMISSIONS (GHG Protocol):	581 375.59
Non-Kyoto Protocol GHG emissions (not included in the GHG Protocol calculations)	Not available
Emissions per FTE (Metric Tons):	5.47

NOTE: Overviews for each individual business division is provided in Appendix A.

Abbreviations and glossary of terms

Baseline year	A historical year used to compare proceeding years' GHG emissions.
CO ₂	Carbon dioxide.
BICP	Bid Industrial and Commercial Products
CO ₂ e	Carbon dioxide equivalent – standardisation of all greenhouse gases to reflect the global warming potential relative to carbon dioxide.
CDP	Carbon Disclosure Project
Defra	UK Department of Environment, Food and Rural Affairs
Direct emissions	Greenhouse gas emissions from facilities/sources owned or controlled by the reporting company, e.g. generators, blowers, car fleets, etc.
EF	Emissions factor - Specific value used to convert activity data into greenhouse gas emission values. Presented in specific units, e.g. KgCO ₂ /Km travelled.
FTEs	Fulltime employees.
GHG	Greenhouse gases.
GHG Protocol	Greenhouse Gas Protocol – uniform methodology used to calculate the carbon footprint of an organisation.
GWP	Global warming potential
HCFC	Hydrochlorofluorocarbon
IPCC	International Panel on Climate Change
Indirect emissions	Greenhouse gas emissions from facilities/sources that are not owned or controlled by the reporting company, but for which the activities of the reporting company are responsible, e.g. purchasing of electricity from a generating utility.
Int.	International
LNG	Liquified natural gas
LPG	Liquified petroleum gas
N ₂ O	Nitrous Oxide
Operational boundary	Determination of which facilities or sources of emissions will be included in a carbon footprint calculation.
Organisational boundary	Determination of which business units of an organisation will be included in a carbon footprint calculation.
Optional information	Information relating to emissions that are recommended but not compulsory reporting under the GHG Protocol, e.g. emissions from air travel.
Relevant emissions	Emissions generated as a result of the business activities of a reporting company.
Required information	Information relating to emissions that is compulsory under the GHG Protocol, namely direct emissions and indirect emissions from purchased electricity.
Scope 1 emissions	Emissions resulting from Bidvest-owned or controlled equipment, vehicles or corporate jets. Compulsory under the GHG Protocol.
Scope 2 emissions	Emissions resulting from consumption of purchased electricity. Compulsory under the GHG Protocol.
Scope 3 emissions	Emissions resulting from other activities associated with the business

	activities of Bidvest, e.g. commuting travel, business air travel and paper consumption. Not compulsory, but recommended, under the GHG Protocol.
t	Metric Tons
WBCSD	World Business Council for Sustainable Development
WRI	World Resources Institute

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Section A: Introduction

As part of its wider sustainability activities, the Bidvest Group Ltd. (Bidvest) has commissioned a qualified inventory report of its greenhouse gas (GHG) emissions resulting from the organisation's business activities during 2008.

This inventory is based on information collated by the Bidvest Group during the 2007/08 financial reporting period and, which is to be used in its 2008 Sustainability Report. In this regard, the following two information documents have been used as primary data sources for this carbon footprint calculation:

- Bidvest Group – Consolidation Sign-Off Sheet – MHR – 25 Aug – v1.xls
- FOREIGN – Group Consolidation – 2008 Sustainability Report – MHR – 24 Aug –v5.xls

All Bidvest business units have been included in the calculation and, therefore, it can be assumed that one hundred per cent of Bidvest fulltime employees are covered by this report.

It is important to note that this calculation is not a complete "carbon footprint" and, although it is conducted in accordance with the Greenhouse Gas Protocol (GHG Protocol), it is lacking certain compulsory and voluntary information as required by the GHG Protocol. This includes information regarding specific activities accounting for Bidvest's air conditioning and refrigeration gas refills; employee commuting; car rental activity; paper consumption and other third party production of consumed materials; outsourced activities; and, end use of products sold by Bidvest. For the above reasons this report constitutes a limited and qualified GHG inventory and should be used for indicative purposes only.

This "carbon footprint" calculation has been undertaken in accordance with the GHG Protocol, the most widely used international carbon calculation methodology and compatible with other GHG standards such as the ISO 14064.

The GHG Protocol

The GHG Protocol is a multiple-stakeholder partnership of business, NGOs, and governments led by the *World Resources Institute (WRI)* and the *World Business Council for Sustainable Development (WBCSD)*. It is the best source of information about corporate GHG accounting and reporting and draws on the expertise and contributions of individuals and organisations from around the world.

The GHG Protocol is the most widely used standard for mandatory and voluntary GHG programmes and is compatible with other international GHG standards such as the ISO 14064. It is also analogous to the generally accepted financial accounting standards for companies' consistent accounting and reporting practices.

Section B: Required information by the GHG Protocol

1. Company description

Bidvest is a business conglomeration of geographically dispersed and multi-faceted businesses with its group headquarters based in Johannesburg, South Africa. Its business divisions are involved in diverse operations including, among others, travel agencies, freight, automotive retail, food production, car

rental, etc. Many of these activities are significant greenhouse gas emitters, as is the use and purchase of energy (petrol and diesel fuel and electricity) to run the operations of the different business units.

Bidvest has a strong record in the measurement and reporting of its sustainability indicators, including its environmental impact across its group and geographical reach. It is a founding member of the Johannesburg Stock Exchange's Socially Responsible Investment Index (JSE SRI) and is one of only four South African companies listed on the Dow Jones Sustainability World Index.

2. Inventory boundaries

2.1. Organisational boundary

Definition: Organisational boundaries

Organisational boundaries determine which business units (core, subsidiaries, franchises, etc.); facilities or physical places of operation, owned or controlled by the reporting company, are included in the carbon footprint calculation. The more complex the corporate structure, the more important organisational boundaries are for clear definition and scope of a carbon footprint calculation.

All Bidvest business divisions have been reported in this calculation. This includes South African and international business activities relating to the following divisions:

- Bidvest Corporate Services
- Bidfreight
- Bidserv
- Bidvest Asia Pacific
- Bidvest Europe
- Bidfood
- Bid Industrial and Commercial Products (BICP)
- Bidpaper Plus
- Bid Auto

2.2. Operational boundary

Definition: Operational boundaries

Operational boundaries determine the actual business activities of the reporting company that generate emissions; which of these activities should be included in the calculation; and, how these activities should be classified (i.e. as direct or indirect emissions).

Greenhouse gas emissions resulting from the following activities have been calculated:

- Vehicles and Equipment owned or controlled that consume petrol
- Vehicles and Equipment owned or controlled that consume diesel
- Vehicles and Equipment owned or controlled that consume LPG
- Vehicles and Equipment owned or controlled that consume LNG
- Vehicles and Equipment owned or controlled that consume coal
- Purchased Electricity
- Business travel in commercial airlines
- Emissions to air: Methane
- Emissions to air: Nitrous Oxide

2.3. Reporting period

The reporting period of this calculation correlates with the last financial year of Bidvest Group Ltd, July 01 2007 to June 30 2008.

3. Information on Bidvest Group Ltd emissions

3.1. Total scope 1 and 2 emissions

Definition: Scope 1 emissions

Emissions from sources owned or controlled by the reporting company, e.g. generators, refrigeration, air-conditioning units, company vehicle fleet.

Definition: Scope 2 emissions

Emissions associated with the consumption of purchased electricity, heat or steam from a source that is not owned or controlled by the reporting company, e.g. an electricity utility such as Eskom.

Definition: Direct and Indirect emissions

Under the GHG Protocol, emissions are categorised as '*direct*' when they are generated from activities or sources within the reporting company's organisational boundary and which the company owns or controls.

'Indirect' sources are those emissions related to the company's activities, but that are emitted from sources owned or controlled by another company, e.g. purchased electricity, rental cars, commercial airlines or paper.

Limitation and qualifications

The GHG Protocol requires carbon footprint calculations to include all Scope 1 and Scope 2 emissions as compulsory reporting. However, as indicated above, limited information is available and this report must be considered to be indicative only of Bidvest's greenhouse gas emissions, rather than complete. To reflect the presentation of information in The Bidvest Group Ltd. Sustainability Report 2008, Bidvest's greenhouse gases are ascribed to each division in turn.

All data information is gained from The Bidvest Group Ltd. and is assumed to be correct. The responsibility for the accuracy of the information lies with Bidvest Group Ltd.

Emission factors

Emission factors convert activity data (e.g. amount of fuel used, kilometres driven, kilowatt hours of purchased electricity, etc.) into a value indicating carbon dioxide equivalent (CO₂e) GHG emissions generated by that particular activity.

Default values are used by the GHG Protocol to assist businesses that are unable to develop accurate customised values. These default values are representative averages based on the most extensive data sets available, and are largely identical to those used by the *Intergovernmental Panel on Climate Change (IPCC)*, the premier authority on greenhouse gas accounting practices at the global level.

For various emissions, this report uses the most recent emission factors provided by a variety of reliable and relevant sources. Where necessary they have been used in substitution for figures that are unavailable for the South African scenario. In all cases throughout the report these sources are indicated.

In reporting emissions generated by the consumption of purchased electricity, specific emission factors released by South Africa's electricity utility, Eskom, have been used. For all other countries, the average world electricity emission factor, provided by the International Energy Agency Data Services, 2007 "CO2 Emissions from Fuel Combustion (2007) Edition", is used.

Note: Divisions that have not reported activities, or reported zero consumption, are not indicated in the relevant sections.

DIRECT EMISSIONS							
Scope	Description	Division	S. African consumption (litres)	S. African EF (KgCO _{2e} /l)	Int. consumption (litres)	Int. EF (KgCO _{2e} /l)	Total metric Tons of CO _{2e} emissions
1.	Emissions relating to petrol consumption			2.315 ⁱ		2.315	
		Corporate Services	39 640	2.315	387 290	2.315	988.35
		Bidfreight	600 956	2.315	206 113	2.315	1 868.37
		Bidserv	7 059 101	2.315	97 971	2.315	16 568.62
		Bidvest (Asia Pacific)	N/A	N/A	235 669	2.315	545.57
		Bidvest (Europe)	N/A	N/A	146 296	2.315	338.68
		Bidfood	2 057 318	2.315	N/A	N/A	4 762.69
		BICP	4 017 638	2.315	0	2.315	9 300.83
		Bidpaper Plus	639 256	2.315	N/A	N/A	1 479.88
		Bid Auto	5 537 662	2.315	N/A	N/A	12 819.69
	TOTAL PETROL						48 672.68
1.	Emissions relating to diesel consumption						
		Corporate Services	0	2.630	15 306 818	2.630	40 256.93
		Bidfreight	5 059 868	2.630	478 711	2.630	14 566.46
		Bidserv	5 583 429	2.630	108 692	2.630	14 970.28
		Bidvest (Asia Pacific)		2.630	1 786 461	2.630	4 698.39
		Bidvest (Europe)		2.630	29 799 939	2.630	78 373.84
		Bidfood	5 847 293	2.630		2.630	15 378.38
		BICP	3 501 037	2.630	35 000	2.630	9 299.78

ⁱ Emission factors provided by UK Government Department of Environment, Food and Rural Affairs (Defra), [Guidelines to Defra's GHG Conversion Factors for Company Reporting: Annexes Updated June 2007](#). Available from: www.defra.gov.uk/environment/business/envrp/

		BidPaper Plus	348 157	2.630		2.630	915.65
	TOTAL DIESEL						178 459.71
1.	Emissions relating to LPG consumption		Tons ⁱⁱ	KgCO ₂ e/litre			
		Bidfreight	141	1.498 ⁱⁱⁱ	0	1.498	390.75
		Bidvest (Asia Pacific)	N/A	N/A	16	1.498	44.34
		Bidvest (Europe)	N/A	N/A	87.45	1.498	242.35
		Bidfood	4	1.498	N/A	N/A	11.08
		BICP	1 190	1.498	0	1.498	3 297.85
		BidPaper Plus	18	1.498	NA	N/A	49.88
	TOTAL						4 036.25
1.	Emissions relating to LNG consumption ^{iv}		Tons	KgCO ₂ /l	Tons	KgCO ₂ /l	
		Bidfreight	6	1.498	0	1.498	15.13
	TOTAL LPG						15.13
1.	Emissions relating to Coal consumption		Tons	KgCO ₂ /t	Tons	KgCO ₂ /t	
		Bidserv	14 687	2.580 ^v	0	2.580	37 892.20
	TOTAL LNG						37 892.20

INDIRECT EMISSIONS FROM PURCHASED ELECTRICITY

2.	Purchased electricity		Country of emission	Units (kWh)	Emissions factor (KgCO ₂ /kWh)	Metric Tons of CO ₂ e emissions
		Corporate Services				
			RSA	304 182	0.960 ^{vi}	292.02
			Foreign (world)	2 853 049	0.502kg/kWh	1 432.23
			Namibia	3 649 317	0.026	94.88
		Bidfreight				
			RSA	50 874 608	0.96	48 839.62
				3 649 317	0.502	1 831.98

ii 1 tonne = 1850 litres of LPG (source: Defra, June 2003).

iii Emission factors provided by UK Government Department of Environment, Food and Rural Affairs (Defra), Guideline to Defra's GHG Conversion Factors for Company Reporting: Annexes Updated June 2007. Available from: <http://www.defra.gov.uk/environment/business/envrp/>

iv 1 tonne of LNG = 0.91 Tons LPG (source: Oil Industry Conversions; www.eppo.go.th/ref/unit-oil.html)

v Emission factor provided by New Zealand GHG Inventory 90-05 for bituminous coal.

		Bidserv				
			RSA	38 303 528	0.960	36 771.39
			Foreign (world)	682 436	0.502	342.58
		Bidvest (Asia Pacific)	Foreign	15 622 644	0.502	7 842.57
		Bidvest (Europe) ^{vii}				
			Foreign	87 357 000	0.502	43 853.21
		Bidfood				
			RSA	3 0643 562	0.960	29 417.82
		BICP				
			RSA	33 656 191	0.960	32 309.94
			Foreign	140 000	0.502	70.28
		BidPaper Plus				
			RSA	33 487 791	0.960	32 148.28
		Bid Auto				
			RSA	43 522 140	0.960	41 781.25
		TOTAL PURCHASED ELECTRICITY				277 028.05

3.2. Emissions of each GHG

All emissions are calculated as carbon dioxide equivalent gases (CO₂e), as required by the GHG Protocol.

Carbon dioxide equivalent (CO₂e)

Due to the varying ability of greenhouse gases to trap heat in the atmosphere, some are more harmful to the climate than others. Each greenhouse gas has a “global warming potential,” which refers to its heat trapping potential relative to that of CO₂. Therefore, to provide a comparable final figure, all emissions are reported as a relative figure to CO₂, i.e. as CO₂e values.

The six main greenhouse gases covered by the GHG Protocol and reported as CO₂e are:

- Carbon dioxide (CO₂)
- Methane (CH₄)
- Nitrous oxide (N₂O)
- Hydrofluorocarbons (HFCs)
- Perfluorocarbons (PFCs)
- Sulphur hexafluoride (SF₆)

CO₂e emission factor for electricity purchased in South Africa. Sourced from Eskom and available at:

http://www.eskom.co.za/annreport07/annreport97_abridged/impact_environment.htm

CO₂e emission factor for electricity purchased from all other country national electricity grids. Sourced from International Energy Agency Data Services, 2007 CO₂

Emissions from Fuel Combustion (2007). Available from:
www.iea.org.

^{vii} BIDVest Europe also consumes 4 737.85kWh of renewable electricity which incur zero GHG emissions.

3.3. Base year information

This report should only be considered as an indicative baseline calculation year as insufficient primary data is available to consider this a full and complete “carbon footprint” calculation.

Base year calculations

A base year is the historical year against which a reporting company's emissions are tracked and compared over time. It is typically the earliest relevant point in time for which a company has reliable data. The base year should be recalculated as additional or new and relevant data becomes available that would affect the baseline year figure and its comparability with future emission activities.

3.4. Methodologies used

This calculation was conducted in alignment with the GHG Protocol, using the following calculation tools^{viii}:

- CO₂ emissions from fuel use combustion (GHG Protocol)
- Individual CO₂ emissions from purchased electricity, heat and steam (GHG Protocol)
- CO₂ emissions from air travel (GHG Protocol)

3.5. Specific exclusions

The following exclusions of emission sources (and their explanations) are described below:

Scope 1 direct emissions:

- Combustion of fuel in generators, boilers or furnaces – partial information and where available used in this report.
- Business travel in corporate jets – no aircraft owned by Bidvest.
- Employee commuting in company-owned or controlled vehicles – information not available or insufficiently differentiated to properly ascribe fuel combustion to specific activities.
- Greenhouse gas refills of air conditioning and/or refrigeration equipment owned or controlled by Bidvest –partial information not accurate enough to be included in the report.

Scope 3 indirect emissions:

- Business travel in rental vehicles – information not available.
- Employee commuting in cars, trains or buses – information not available.
- Combustion of fuel in boilers or furnaces not owned or controlled by the reporting company – information not available.
- Outsourced activities such as shipping, courier services and printing services – partial information not sufficient for this report.
- End use of products sold by the reporting company – information not available.
- Emissions resulting from the generation and disposal of waste – insufficient information and not deemed accurate enough for reporting purposes.

^{viii} Available at: <http://www.ghgprotocol.org/calculation-tools/all-tools>

Section C: Optional information under the GHG Protocol

4. Relevant Scope 3 emissions

Definition: Scope 3 emissions

Scope 3 emissions are indirect emissions other than purchased electricity, which can be described as *relevant* to the reporting company's activities. They are not compulsory reporting under the GHG Protocol, however certain GHG reporting registries require that some Scope 3 emissions are reported under different circumstances.

Scope	Description	Division	Units of activity	EF (KgCO ₂ e/passenger Km)	Metric Tons CO ₂ e
3	Emissions related to air travel ^{ix}				
	i.	Short haul domestic (international) ^x	No. of flights		
		Bidvest Asia Pacific	94	0.158 ^{xi}	7.5
		Bidserve	116		9.25
		BICP	6		0.48
	ii.	Short haul domestic (South Africa) ^{xii}		0.1304	
		Corporate services	1 682		303.67
		Bidfreight	3 622		653.92
		Bidserve	8 739		1 577.75
		Bidvest Europe	Not reported		Not reported
		Bidfood	2 979		537.83
		BICP	2 378		429.33
		BidPaper Plus	1 552		280.2
		Bid Auto	7 598		1 371.75
				0.1056	
	ii.	Long haul international ^{xiii}			
		Corporate services	871		911.99
		Bidfreight	318		331.98
		Bidserve	1 038		1 083.63
		Bidvest Asia Pacific	62		64.73
		Bidvest Europe	Not reported		Not reported
		Bidfood	155		161.81

^{ix} All flights include an additional 9% emissions as recommended by Defra June 2007, to account for uplift factor of indirect routes and circling.

^x Based on average distance of 463Km, according to Defra, June 2007

^{xi} All emission factors from Defra, June 2007

^{xii} Based on average distance of 1 270.2Km (Johannesburg-Cape Town), in agreement with Bidvest.

^{xiii} Based on average distance of 9 069.68Km (Johannesburg-London Heathrow), in agreement with Bidvest.

		BICP	642		670.22
		BidPaper Plus	98		102.31
		Bid Auto	642		670.22
	TOTAL AIR TRAVEL				9 168.57
3	Methane emissions		Tons	21 GWP ^{xiv}	
		Bidfreight	313		6 573
	TOTAL METHANE				6 573
3	Nitrous Oxide emissions			310	
		Bidfreight	63		19 530
	TOTAL N₂O				19 530

5. Emissions from GHGs not covered by the Kyoto Protocol

No emissions from greenhouse gases that fall outside of the ambit of the Kyoto Protocol have been calculated, as relevant data is not available.

6. Verification of GHG Inventory

As this report does not constitute a full or complete inventory of Bidvest's greenhouse gas emissions, it is not necessary to have it verified by an independent third party. The report should be viewed as indicative only of Bidvest's greenhouse gases generated by activities that are reported in The Bidvest Group Ltd. Sustainability Report 2007.

7. Facilities covered in Inventory

All Bidvest operations as covered by the following Bidvest Group Ltd. business divisions, including: Bidvest Corporate Services; Bidfreight; Bidserv; Bidvest Asia Pacific; Bidvest Europe; Bidfood; Bid Industrial and Commercial Products; Bidpaper Plus; and, Bid Auto.

9. Contact person/s

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^{xiv} GWP values supplied by IPCC Second Assessment Report, 2005, Working Group 1, [The Science of Climate Change](http://www.ipcc.ch/ipccreports), 2005. Available at: www.ipcc.ch/ipccreports

10. Information on offsets

Bidvest has not offset any of its 2008 greenhouse gas emissions through either the purchasing of renewable energy or any other appropriate offsetting mechanism.

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Appendix A: GHG Emissions per Bidvest Group business division

OVERVIEW OF BIDVEST LTD CARBON EMISSIONS: CORPORATE SERVICES

Reporting Period: July 2007 – June 2008

Carbon Footprint calculations conducted on: Corporate Services

Methodology: Greenhouse Gas Protocol – Corporate Accounting and Reporting Standard

Number of employees: 2600

Percentage of Corporate Services covered by report: 100%

Percentage staff of Bidvest Group Ltd: 2%

<u>SCOPE 1 Direct Emissions from: (2007):</u>	<u>Tons</u>
Vehicles and Equipment owned or controlled consuming petrol	988.35
Vehicles and Equipment owned or controlled consuming diesel	40 256.93
Vehicles and Equipment owned or controlled consuming LPG	0
Vehicles and Equipment owned or controlled consuming LNG	0
Vehicles and Equipment owned or controlled consuming Coal	0
 <u>SCOPE 2 Indirect Emissions from:</u>	
Purchased Electricity	1 819.13
TOTAL SCOPE 1 & 2 EMISSIONS:	43 064.41
 <u>SCOPE 3 Indirect Emissions from:</u>	
Business travel in commercial airlines	1 215.66
Emissions to air: Methane	0
Emissions to air: Nitrous Oxide	0
TOTAL SCOPE 3 EMISSIONS:	1 215.66
TOTAL SCOPE 1,2 & 3 EMISSIONS (GHG Protocol):	44 280.07t
TOTAL CORPORATE SERVICES EMISSIONS CO₂e (Metric Tons) per employee:	17.03

OVERVIEW OF BIDVEST LTD CARBON EMISSIONS: BIDFREIGHT

Reporting Period: July 2007 – June 2008

Carbon Footprint calculations conducted on: Bidfreight

Methodology: Greenhouse Gas Protocol – Corporate Accounting and Reporting Standard

Number of employees: 5 328

Percentage of Bidfreight covered by report: 100%

Percentage staff of Bidvest Group Ltd: 5.2%

<u>SCOPE 1 Direct Emissions from: (2007):</u>	<u>Tons</u>
Vehicles and Equipment owned or controlled consuming petrol	1 868.37
Vehicles and Equipment owned or controlled consuming diesel	14 566.46
Vehicles and Equipment owned or controlled consuming LPG	390.75
Vehicles and Equipment owned or controlled consuming LNG	15.13
Vehicles and Equipment owned or controlled consuming Coal	0
<u>SCOPE 2 Indirect Emissions from:</u>	
Purchased Electricity	50 671.6
TOTAL SCOPE 1 & 2 EMISSIONS:	67 512.31
<u>SCOPE 3 Indirect Emissions from:</u>	
Business travel in commercial airlines	985.9
Emissions to air: Methane	6 573
Emissions to air: Nitrous Oxide	19 530
TOTAL SCOPE 3 EMISSIONS:	27 088.9
TOTAL SCOPE 1,2 & 3 EMISSIONS (GHG Protocol):	94 601.21t
TOTAL BIDFREIGHT EMISSIONS CO₂e (Metric Tons) per employee:	17.75

OVERVIEW OF BIDVEST LTD CARBON EMISSIONS: BIDSERV

Reporting Period: July 2007 – June 2008

Carbon Footprint calculations conducted on: Bidserv

Methodology: Greenhouse Gas Protocol – Corporate Accounting and Reporting Standard

Number of employees: 63 493

Percentage of Bidserv covered by report: 100%

Percentage staff of Bidvest Group Ltd: 59.3%

SCOPE 1 Direct Emissions from: (2007):

	<u>Tons</u>
Vehicles and Equipment owned or controlled consuming petrol	16 568.62
Vehicles and Equipment owned or controlled consuming diesel	14 970.28
Vehicles and Equipment owned or controlled consuming LPG	0
Vehicles and Equipment owned or controlled consuming LNG	0
Vehicles and Equipment owned or controlled consuming Coal	37 892.20

SCOPE 2 Indirect Emissions from:

Purchased Electricity	37 113.97 Tons
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TOTAL SCOPE 1 & 2 EMISSIONS: **106 545.07**

SCOPE 3 Indirect Emissions from:

Business travel in commercial airlines	2 670.63
Emissions to air: Methane	0
Emissions to air: Nitrous Oxide	0

TOTAL SCOPE 3 EMISSIONS: **2 670.63**

TOTAL SCOPE 1,2 & 3 EMISSIONS (GHG Protocol): **109 215.7t**

TOTAL BIDSERV EMISSIONS CO₂e (Metric Tons) per employee: **1.72**

OVERVIEW OF BIDVEST LTD CARBON EMISSIONS: BIDVEST (ASIA PACIFIC)

Reporting Period: July 2007 – June 2008

Carbon Footprint calculations conducted on: Bidvest (Asia Pacific)

Methodology: Greenhouse Gas Protocol – Corporate Accounting and Reporting Standard

Number of employees: 3 298

Percentage of Bidvest Asia Pacific covered by report: 100%

Percentage staff of Bidvest Group Ltd: 1.23%

<u>SCOPE 1 Direct Emissions from: (2007):</u>	<u>Tons</u>
Vehicles and Equipment owned or controlled consuming petrol	545.57
Vehicles and Equipment owned or controlled consuming diesel	4 698.39
Vehicles and Equipment owned or controlled consuming LPG	44.34
Vehicles and Equipment owned or controlled consuming LNG	0
Vehicles and Equipment owned or controlled consuming Coal	0
<u>SCOPE 2 Indirect Emissions from:</u>	
Purchased Electricity	7 842.57
TOTAL SCOPE 1 & 2 EMISSIONS:	13 130.87
<u>SCOPE 3 Indirect Emissions from:</u>	
Business travel in commercial airlines	72.23
Emissions to air: Methane	0
Emissions to air: Nitrous Oxide	0
TOTAL SCOPE 3 EMISSIONS:	72.23
TOTAL SCOPE 1,2 & 3 EMISSIONS (GHG Protocol):	13 203.1t
TOTAL BIDVEST (ASIA PACIFIC) EMISSIONS CO₂e (Metric Tons) per employee:	4.00

OVERVIEW OF BIDVEST LTD CARBON EMISSIONS: BIDVEST EUROPE

Reporting Period: July 2007 – June 2008

Carbon Footprint calculations conducted on: Bidvest Europe

Methodology: Greenhouse Gas Protocol – Corporate Accounting and Reporting Standard

Number of employees: 8 572

Percentage of Bidvest Europe covered by report: 100%

Percentage staff of Bidvest Group Ltd: 9.18%

<u>SCOPE 1 Direct Emissions from: (2007):</u>	<u>Tons</u>
Vehicles and Equipment owned or controlled consuming petrol	338.68
Vehicles and Equipment owned or controlled consuming diesel	78 373.84
Vehicles and Equipment owned or controlled consuming LPG	242.35
Vehicles and Equipment owned or controlled consuming LNG	0
Vehicles and Equipment owned or controlled consuming Coal	0
 <u>SCOPE 2 Indirect Emissions from:</u>	
Purchased Electricity	43 853.21
 TOTAL SCOPE 1 & 2 EMISSIONS:	 122 808.08
 <u>SCOPE 3 Indirect Emissions from:</u>	
Business travel in commercial airlines	Not reported
Emissions to air: Methane	0
Emissions to air: Nitrous Oxide	0
 TOTAL SCOPE 3 EMISSIONS:	 0
 TOTAL SCOPE 1,2 & 3 EMISSIONS (GHG Protocol):	 122 808.08t
 TOTAL BIDVEST EUROPE EMISSIONS CO₂e (Metric Tons) per employee:	 14.33

OVERVIEW OF BIDVEST LTD CARBON EMISSIONS: BIDFOOD

Reporting Period: July 2007 – June 2008

Carbon Footprint calculations conducted on: Bidfood

Methodology: Greenhouse Gas Protocol – Corporate Accounting and Reporting Standard

Number of employees: 3 497

Percentage of Bidfood covered by report: 100%

Percentage staff of Bidvest Group Ltd: 3.59%

<u>SCOPE 1 Direct Emissions from: (2007):</u>	<u>Tons</u>
Vehicles and Equipment owned or controlled consuming petrol	4 762.69
Vehicles and Equipment owned or controlled consuming diesel	15 378.38
Vehicles and Equipment owned or controlled consuming LPG	11.09
Vehicles and Equipment owned or controlled consuming LNG	0
Vehicles and Equipment owned or controlled consuming Coal	0
<u>SCOPE 2 Indirect Emissions from:</u>	
Purchased Electricity	29 417.82
TOTAL SCOPE 1 & 2 EMISSIONS:	49 569.98
<u>SCOPE 3 Indirect Emissions from:</u>	
Business travel in commercial airlines	699.64
Emissions to air: Methane	0
Emissions to air: Nitrous Oxide	0
TOTAL SCOPE 3 EMISSIONS:	699.64
TOTAL SCOPE 1,2 & 3 EMISSIONS (GHG Protocol):	50 269.53
TOTAL BIDFOOD EMISSIONS CO₂e (Metric Tons) per FTE:	14.38

OVERVIEW OF BIDVEST LTD CARBON EMISSIONS: BICP

Reporting Period: July 2007 – June 2008

Carbon Footprint calculations conducted on: Bid Industrial and Commercial Products

Methodology: Greenhouse Gas Protocol – Corporate Accounting and Reporting Standard

Number of employees: 7 536

Percentage of BICP covered by report: 100%

Percentage staff of Bidvest Group Ltd: 7.79%

<u>SCOPE 1 Direct Emissions from: (2007):</u>	<u>Tons</u>
Vehicles and Equipment owned or controlled consuming petrol	9 300.83
Vehicles and Equipment owned or controlled consuming diesel	9 299.78
Vehicles and Equipment owned or controlled consuming LPG	3 297.85
Vehicles and Equipment owned or controlled consuming LNG	0
Vehicles and Equipment owned or controlled consuming Coal	0
 <u>SCOPE 2 Indirect Emissions from:</u>	
Purchased Electricity	32 380.22
TOTAL SCOPE 1 & 2 EMISSIONS:	54 278.68
 <u>SCOPE 3 Indirect Emissions from:</u>	
Business travel in commercial airlines	1 100.03
Emissions to air: Methane	0
Emissions to air: Nitrous Oxide	0
TOTAL SCOPE 3 EMISSIONS:	1 100.03
TOTAL SCOPE 1,2 & 3 EMISSIONS (GHG Protocol):	55 378.71
TOTAL BICP EMISSIONS CO₂e (Metric Tons) per FTE:	7.35

OVERVIEW OF BIDVEST LTD CARBON EMISSIONS: BIDPAPER PLUS

Reporting Period: July 2007 – June 2008

Carbon Footprint calculations conducted on: BidPaper Plus

Methodology: Greenhouse Gas Protocol – Corporate Accounting and Reporting Standard

Number of employees: 4 281

Percentage of Corporate Services covered by report: 100%

Percentage staff of Bidvest Group Ltd: 3.77%

<u>SCOPE 1 Direct Emissions from: (2007):</u>	<u>Tons</u>
Vehicles and Equipment owned or controlled consuming petrol	1 479.88
Vehicles and Equipment owned or controlled consuming diesel	915.65
Vehicles and Equipment owned or controlled consuming LPG	49.88
Vehicles and Equipment owned or controlled consuming LNG	0
Vehicles and Equipment owned or controlled consuming Coal	0
<u>SCOPE 2 Indirect Emissions from:</u>	
Purchased Electricity	32 148.28
TOTAL SCOPE 1 & 2 EMISSIONS:	34 593.69
<u>SCOPE 3 Indirect Emissions from:</u>	
Business travel in commercial airlines	382.51
Emissions to air: Methane	0
Emissions to air: Nitrous Oxide	0
TOTAL SCOPE 3 EMISSIONS:	382.51
TOTAL SCOPE 1,2 & 3 EMISSIONS (GHG Protocol):	34 976.2t
TOTAL BIDPAPER PLUS EMISSIONS CO₂e (Metric Tons) per employee:	8.17

OVERVIEW OF BIDVEST LTD CARBON EMISSIONS: BID AUTO

Reporting Period: July 2007 – June 2008

Carbon Footprint calculations conducted on: Bid Auto

Methodology: Greenhouse Gas Protocol – Corporate Accounting and Reporting Standard

Number of employees: 7 621

Percentage of Bid Auto covered by report: 100%

Percentage staff of Bidvest Group Ltd: 7.94%

<u>SCOPE 1 Direct Emissions from: (2007):</u>	<u>Tons</u>
Vehicles and Equipment owned or controlled consuming petrol	12 819.69
Vehicles and Equipment owned or controlled consuming diesel	0
Vehicles and Equipment owned or controlled consuming LPG	0
Vehicles and Equipment owned or controlled consuming LNG	0
Vehicles and Equipment owned or controlled consuming Coal	0
 <u>SCOPE 2 Indirect Emissions from:</u>	
Purchased Electricity	41 781.25
TOTAL SCOPE 1 & 2 EMISSIONS:	54 600.94
 <u>SCOPE 3 Indirect Emissions from:</u>	
Business travel in commercial airlines	2 041.97
Emissions to air: Methane	0
Emissions to air: Nitrous Oxide	0
TOTAL SCOPE 3 EMISSIONS:	2 041.97
TOTAL SCOPE 1,2 & 3 EMISSIONS (GHG Protocol):	56 642.91
TOTAL BID AUTO EMISSIONS CO₂e (Metric Tons) per FTE:	7.43