🛟 FORSYTH BARR

Last data update: Industrials New Zealand Industrials 28/11/2022 Grade Score Sector Average Average Sector Weight Carbon D 24.2% 48.0% 51.9% 20% Company ticker: Environment C-44.4% 53.8% 48.9% 20% VSL **S**ocial 71.9% 66.7% B+ 65.6% 20% 87.6% 72.6% 71.8% 40% Governance A Fast Follower Total В 63.1% 62.8% 62.9%

Forsyth Barr Commentary

VSL scores well in S and G categories. VSL has a particular focus on the well-being of its people, with programmes for health and wellness, diversity, equity and inclusion, and health and safety an important part of its strategy. This led to strong Health & Safety, Product Quality & Accessibility, Community Relations and Stakeholder Relations sub-categories scores in the S category. For Corporate Governance, strong Sustainability, Investor Protections, Tax and Reporting & Assurance sub-categories were the key drivers of its good score. Despite the company's focus on Environmental sustainability, its scores for C and E categories have room to improve, with key factors holding back its scores being; a lack of an emissions reduction target and commitment to becoming Net Zero, limited reporting history for GHG emissions, no reported data for waste and water consumption intensity and a low score for Environmental Management Systems sub-category.

Carbon		Metric	Data	Score	Weight	Group Score	Group
	4.04	Is Scope 1 and 2 CO2e (tonnes) tracked and measured by the company?	1	0.00	22.00%		
CLIC Emissions	1.01	If so, how many of the last years has it been reported?	1 years	0.20	33.33%	13.33%	25.00%
GHG EIIIISSIOIIS	Emissions1.01If so, how many of the last years has it been reported?1 years0.201.02If five years of data, is Scope 1+2 increasing/stable/decreasing?N/A0.001.03Is Scope 3 CO2e (tonnes) publicly reported?1 years0.20ions Intensity1.04Carbon intensity (tonnes of Scope 1 + 2 CO2e/revenue)9.41.00ions Intensity0.05Carbon intensity (tonnes of Scope 1 + 2 CO2e/revenue)9.41.00ions Intensity0.05Carbon intensity (tonnes of Scope 1 + 2 CO2e/earnings)37.8Unscored106If five years of data, is carbon intensity increasing/stable/decreasing?N/A0.00107Is there an emissions reduction target in place?No0.00108If so, is the target science based?No0.00109Is the target for actual reductions?No0.00111If so, how ambitious and robust is the commitment:If a company has a Net Zero commitment, by what year is the commitment?No1111If a company has a Net Zero commitment, is the commitment to a 1.5 degree celsius world?No0.001113If a company has a Net Zero commitment, which emission scopes are included?No0.001114If a company has a Net Zero commitment, are there interim targets or a goal of a 50% reduction by 2030?No0.001114If a company has a Net Zero commitment, are there interim targets or a goal of a 50% reduction by 2030?No0.001113Does the company own any proven or probable fossil fuel reserves?No0.00<	0.00	33.33%	13.33%	25.00%		
	1.03	Is Scope 3 CO2e (tonnes) publicly reported?	1 years	0.20	33.33%		
Emissions Intensity	1.04	Carbon intensity (tonnes of Scope 1 + 2 CO2e/revenue)	No 0.00 50.00% 25.00% No 0.00 50.00% 25.00% No 0.00 20.00% 20.00% No 0.00 20.00% 20.00% No 0.00 20.00% 25.00% No 0.00 20.00% 25.00% No 0.00 20.00% 25.00%				
,	1.05	Carbon intensity (tonnes of Scope 1 + 2 CO2e/earnings)	37.8	Unscored	0.00%	50.00%	25.00%
/ Transition Risk	1.06	If five years of data, is carbon intensity increasing/stable/decreasing?	N/A	0.00	50.00%		
	1.07	Is there an emissions reduction target in place?	No	0.00	20.00%		
GHG Emissions Emissions Intensity / Transition Risk Emissions Management Risk & Opportunity Management	1.08	If so, is the target science based?	No	0.00	20.00%		
	1.09	Is the target for actual reductions?	No	0.00	20.00%		
	s 1.02 If so, how many of the last years has it been reported If five years of data, is Scope 1+2 increasing/stable/d 1.03 nsity 1.04 Carbon intensity (tonnes of Scope 1 + 2 CO2e/revent Carbon intensity (tonnes of Scope 1 + 2 CO2e/revent 1.05 sk 1.04 Carbon intensity (tonnes of Scope 1 + 2 CO2e/revent Carbon intensity (tonnes of Scope 1 + 2 CO2e/revent 1.05 1.04 Carbon intensity (tonnes of Scope 1 + 2 CO2e/revent 1.05 1.05 Is there an emissions reduction target in place? 1.06 If five years of data, is carbon intensity increasing/sta 1.07 Is there an emissions reduction target in place? 1.08 If so, is the target science based? 1.09 Is the target for actual reductions? 1.01 Is the target for actual reductions? 1.01 Is there a commitment to be Net Zero? 1.11 If a company has a Net Zero commitment; is th 1.5 degree celsius world? 1.11.2 If a company has a Net Zero commitment, whic are included? 1.11.4 If a company has a Net Zero commitment, whic are included? 1.11.4 If a company has a Net Zero commitment, are or a goal of a 50% reduction by 2030? 1.12 Has a physical risk assessment been undertaken? 1.13 Does the company own any proven or probable fossil Is	Is there a commitment to be Net Zero?	No	0.00	20.00%	0.00%	25.00%
	1.11	If so, how ambitious and robust is the commitment:					
	1.11.1		No	0.00	5.00%		
Ŭ	1.11.2		No	0.00	5.00%		
	1.11.3		Not Specified	0.00	5.00%		
	1.11.4		No	0.00	5.00%		
	1.12	Has a physical risk assessment been undertaken?	No	0.00	33.33%		
Risk & Opportunity Management	1.13	Does the company own any proven or probable fossil fuel reserves?	No	1.00	33.33%	33.33%	
	11/		No	0.00	33.33%		25.00%
		Does the company spend capital or have capital commitments (in terms					
		of capital expenditure, financing, or investment) toward climate-related	Yes	Unscored	0.00%		
		risks and opportunities?					
C - Total							D (24.17%)

Environmental		Metric	Data	Score	Weight	Group Score	Group
Environmental Management Systems	2.01	Does the company have an ISO 14001, EMS, Toitū Envirocare carbonzero or equivalent certification on all applicable sites?	No	0.00	33.33%		
	2.02	Has the company issued any green/social bonds or committed to a sustainability linked loan?	No Debt Issued	1.00	33.33%	33.33%	16.67%
	2.03	Has the company made any commitments to new build or retrofit to meet level 4, 5 or 6 of the green star (or equivalent Homestar if relevant) standard in owned or leased buildings?	No	0.00	33.33%		
	2.04	Is there a commitment to reduce waste in place?	Yes	1.00	33.33%		
Waste	2.05	Is waste intensity data tracked and measured?	0 years	0.00	33.33%	33.33%	16.67%
	2.06	If there is five years of data, is it increasing/stable/decreasing?	N/A	0.00	33.33%		
	2.07	Has there been a breach related to resource consent discharges (i.e. nutrient discharge) in the last five years?	-	Unscored	0.00%		
	2.08	Is there a target for achieving water consumption efficiency?	No	0.00	33.33%		
Water	2.09	Is water consumption intensity data tracked and measured?	0 years	0.00	33.33%	0.00%	16.67%
	2.10	If there is five years of data, is it increasing/stable/decreasing?	N/A	0.00	33.33%		
Biodiversity	2.11	Is there a commitment to reduce the impact of the company's operations on biodiversity?	No	0.00	100.00%	0.00%	16.67%
Circular Economy	2.12	Is there a commitment to the circular economy?	Yes	1.00	100.00%	100.00%	16.67%
Environmental	2.13	Has there been an environmental fine in the last three years?	No	1.00	100.00%	100.00%	16.67%
E - Total							C- (44.44%)

Social		Metric	Data	Score	Weight	Group Score	Group
	3.01	Is there a health & safety policy?	Yes	1.00	16.67%		
	3.02	Are there safety management targets in place?	No	0.00	16.67%		
Llealth C. Cafaty	3.03	Is a measure of safety (e.g. LTIFR) tracked and measured?	Yes	1.00	16.67%	02 22%	12 50%
Health & Safety	3.04	If yes, is data reported?	5+ years	1.00	16.67%	03.33%	12.50%
	3.05	If there is five years of data, is it increasing/stable/decreasing?	-30%	1.00	16.67%		
	3.06	Have there been any workplace fatalities in the last five years?	No	1.00	16.67%		
Human Rights	3.07	Is there a human rights policy?	No	0.00	50.00%	50.00%	12 50%
	3.08	Is there a commitment to preventing modern slavery?	Yes	1.00	50.00%	50.0078	12.30%
	3.09	Is there a supply chain code of conduct?	Yes	1.00	33.33%		
Supply Chain	3.10	Is there an environmental policy for the supply chain?	Yes	1.00	1.00 16.67% 83.33% 12.50% 1.00 16.67% 10.00 16.67% 10.00 10.00% 10.00% 10.00% 10.00% 12.50%	12.50%	
	3.11	Is there a formal commitment to pay vendors a living wage?	No	0.00	33.33%		
Due duet Quellity C		Have there been any product or service faults (unplanned) resulting in,		4.00		00%	
Product Quality & Accessibility		for example, disruption to operations or recalls (including FDA regulated products if relevant), in the last three years?	No	1.00	100.00%	100.00%	12.50%
Accessibility		Portion of care beds offered at standard rate?	-	Unscored	0.00%		
	3.14	Is employee turnover measured and publicly reported?	No	0.00	25.00%		
Employee Value	3.15	If yes, is it <10%, <20%, >20%?	5+ years 1.00 16.67% 83.33% idata, is it increasing/stable/decreasing? -30% 1.00 16.67% vorkplace fatalities in the last five years? No 1.00 16.67% vorkplace fatalities in the last five years? No 1.00 16.67% spolicy? No 0.00 50.00% 50.00% code of conduct? Yes 1.00 33.33% 66.67% itten to pay vendors a living wage? No 0.00 33.33% 66.67% ittent to pay vendors a living wage? No 0.00 33.33% 66.67% ittent to pay vendors a living wage? No 0.00 33.33% 66.67% ittent to pay vendors a living wage? No 0.00 33.33% 66.67% ittent to pay vendors a living wage? No 0.00 33.33% 66.67% ittent to pay vendors a living wage? No 0.00 33.33% 100.00% reduct a standard rate? - Unscored 0.00% 25.00% 25.00% 25.00% 25.00% 25.00	10 50%			
Proposition /	3.16	Is there a contemporary parental leave policy?	No	0.00	25.00%	25.00%	12.50%
Culture	3.17	Has the company made a living wage commitment?	Yes	1.00	25.00%		
	3.18	Does the company track and measure ethnicity diversity metrics?	Yes	1.00	50.00%		
Diversity	3.19	Does the company track and measure the % of women managers in relation to % of women employees?	154%	0.00	50.00%	50.00%	12.50%
Community Relations	3.20	Is there a policy to manage community involvement?	Yes	1.00	100.00%	100.00%	12.50%
Stakeholder Relations	3.21	Is the business model stakeholder centric?	Yes	1.00	100.00%	100.00%	12.50%
S - Total							B+ (71.88%)

Governance	_	Metric	Data	Score	Weight	Group Score	Group
Sustainability	4.01	Is there a sustainability strategy?	Yes - Integrated	1.00	20.00%	80.00%	14.29%
	4.02	Is remuneration linked to achieving sustainability performance?	Yes	1.00	20.00%		
	4.03	Any recent level 3, 4 or 5 controversies?	No	1.00	20.00%		
	4.04 4.05	Has there been a breach of UN Global Compact principles or are they on the watch list?	Compliant	1.00	20.00%		
		Does the company have B Corporation or Future-Fit certification?	No	0.00	20.00%		
	4.06	Does the company have shares with different voting rights?	No	1.00	33.33%		
	4.07	Is there potential for a 'blocking' shareholder?	14.01%	0.50	33.33%		14.29%
vestor	4.08	How many anti-takeover devices are there?	Null	0.00	0.00%	83.33%	
rotections	4.09	Is there any evidence of significant unequal treatment of minority shareholders in any equity raisings in the last three years?	No Raise	1.00	33.33%		
	4.10	Do non-executive and independent Board members comprise the	50%	0.00	12.50%	62.50%	14.29%
	4.11	Is the CEO, the Chair?	No	1.00	12.50%		
	4.12	What is the average Board tenure?	12.0	0.00	12.50%		
	4.13	What is the average number of Board member affiliations?	Null	Unscored	0.00%		
oard	4.14	What is the size of the Board (number of people)?	8	1.00	12.50%		
	4.15	Is a Board skills matrix disclosed?	Yes	1.00	12.50%		
	4.16	Does the company have a policy for maintaining a well-balanced Board?	Yes	1.00	12.50%		
	4.17	Are all audit-committee members non-executive directors?	100%	1.00	12.50%		
	4.18	Is the Board's gender diversity sufficient? (i.e. <2/3 one gender)	25%	0.00	12.50%		
	4.19	Is the auditor tenure >10 years?	10 years	1.00	25.00%	87.50%	14.29%
uditors	4.20	Has the lead audit partner rotated in the last five years?	Yes	1.00	25.00%		
uuitois	4.21	Is auditor compensation for non-audit publicly reported?	Yes	1.00	25.00%		
	4.22	If yes, $>70\%$ of statutory audit fees – average over last three years?	62.75%	0.50	25.00%		
ata Security &	ity & 4.23 Is there	Is there a cybersecurity policy in place?	Yes	1.00	50.00%	100.00%	14.29%
trategy	4.24	Is there a data privacy and protection policy in place?	Yes	1.00	50.00%	100.00%	14.27/0
ax	4.25	Does the Board have a tax governing framework in place?	Yes	1.00	100.00%	100.00%	14.29%
Reporting & Assurance	4.26	First quartile Bloomberg disclosure score	Null	0.00	0.00%	100.00%	14.29%
	4.27	External assurance of sustainability report or disclosures?	Yes	1.00	50.00%		
	4.28	Has the company acted with integrity in financial reporting and in the timeliness and balance of corporate disclosures within the last five years?	Yes	1.00	50.00%		
- Total							A (87.62

Data sourced from Forsyth Barr analysis, company disclosures, Refinitiv Eikon, Sustainalytics and Bloomberg.