

ESG Metrics

ESG Integration Metrics comparison to S&P/ASX 200 Index

	GRNV Index	S&P/ASX 200
ESG score	7.5	6.6
ESG Leaders (AAA-AA) (%)	50.4	25.6
ESG Laggards (B-CCC) (%)	0.0	1.6
ESG Pillars		
Environmental score	4.9	4.4
Social score	5.6	4.6
Governance score	6.6	6.6
Key Governance Metrics		
Board Independence (Wtd Avg %)	78.2	79.4
Female Directors (Wtd Avg %)	33.0	34.9

Source: MSCI, as at 30 September 2020

The definitions of all statistical parameters are available on the page over.

ESG Value Metrics comparison to S&P/ASX 200 Index

	GRNV Index	S&P/ASX 200
Tobacco producers (%)	0.0	0.2
Ties to controversial weapons (%)	0.0	0.0
Red flag controversies (%)	0.0	7.5
Orange flag controversies (%)	0.0	25.5

Source: MSCI, as at 30 September 2020

The definitions of all statistical parameters are available on the page over.

Carbon Exposure comparison to S&P/ASX 200 Index

	GRNV Index	S&P/ASX 200
Carbon Emissions (t CO ₂ e/\$m invested)	72	182
Carbon intensity (t CO ₂ e/\$m sales)	165	317
Weighted average Carbon intensity (t CO ₂ e/\$m sales)	170	218
Potential carbon emissions (t CO ₂ e/\$m invested)	0.0	12,299
Thermal coal mining (%)	0.0	8.1
Fossil fuel reserves (%)	0.0	11.2

Source: MSCI, as at 30 September 2020

The definitions of all statistical parameters are available on the page over.

Indexed to

Descriptions

ESG Metrics	Definition
ESG Score	The ESG Score indicates how well the index companies manage their most material ESG risks relative to sector peers. Scores range from 10 (best) to 0 (worst).
ESG Leaders (AAA-AA) (%)	Exposure to companies with an ESG rating of AAA or AA (best in class relative to peers).
ESG Laggards (B-CCC) (%)	Exposure to companies with an ESG rating of B or CCC (worst in class relative to peers).
Environmental Score	The Environmental Score indicates how well the index companies manage their most material environment risks. Scores range from 10 (best) to 0 (worst).
Social Score	The Social Score indicates how well the index companies manage their most material social risks. Scores range from 10 (best) to 0 (worst).
Governance Score	The Governance Score indicates how well the index companies manage their most material governance risks. Scores range from 10 (best) to 0 (worst).
Board Independence (Wtd Avg %)	Exposure to companies with an independent board majority.
Female Directors (Wtd Avg %)	Exposure to companies with female directors.
Tobacco Producers (%)	Exposure to tobacco producers.
Ties to Controversial Weapons (%)	Exposure to companies with ties to controversial weapons.
Red Flag Controversies (%)	Exposure to companies with very severe customer, environment, governance, human rights, or labor controversies.
Orange Flag Controversies (%)	Exposure to companies with serious customer, environment, governance, human rights, or labor controversies.
Carbon Exposure	Definition
Carbon Emissions	Carbon emissions normalized for the size of the portfolio tracking the index. (Unit: tons of CO ₂ / million \$ invested)
Carbon Emissions Intensity*	Efficiency of a portfolio tracking the index in terms of total carbon emissions divided by total sales. (Unit: tons of CO ₂ / million \$ of sales)
Weighted Average Carbon Intensity	Exposure to carbon intensive companies. (Unit: tons of CO ₂ / million \$ of sales)
Potential Carbon Emissions	Carbon potential emissions normalized for the size of the portfolio tracking the index. (Unit: tons of CO ₂ / million \$ invested).
Coal Reserves (%)	Potential emissions represents potential carbon dioxide emissions of the coal, oil and gas reserves owned by a company, computed using a formula from the Potsdam Institute for Climate Impact while carbon emissions represents the company's most recently reported or estimated Scope 1 + Scope 2 greenhouse gas emissions (if available).
Fossil Fuel Reserves (%)	Scope 1 emissions are those from sources owned or controlled by the company, typically direct combustion of fuel as in a furnace or vehicle. Scope 2 emissions are those caused by the generation of electricity purchased by the company.

Contact us

vaneck.com.au

info@vaneck.com.au

+61 2 8038 3300

 VanEck-Australia

 VanEck_Au

 VanEckAus

Important notice:

This information is prepared in good faith by VanEck Investments Limited ABN 22 146 596 116 AFSL 416755 ('VanEck') as the responsible entity and issuer of VanEck Vectors MSCI Australian Sustainable Equity ETF ARSN 611 368 499 ('GRNV'). This information is general advice only about financial products and not personal advice. It does not take into account any person's individual objectives, financial situation or needs. Before making an investment decision investors should read the product disclosure statement and with the assistance of a financial adviser consider if it is appropriate for their circumstances. A copy of the PDS is available at www.vaneck.com.au/grnv This information is believed to be accurate at the time of compilation but is subject to change. VanEck does not represent or warrant the quality, accuracy, reliability, timeliness or completeness of the information. To the extent permitted by law, VanEck does not accept any liability (whether arising in contract, tort, negligence or otherwise) for any error or omission in the information or for any loss or damage (whether direct, indirect, consequential or otherwise) suffered by any recipient of the information, acting in reliance on it. GRNV is subject to investment risk, including possible loss of capital invested. Past performance is not a reliable indicator of future performance. No member of the VanEck group guarantees the repayment of capital, the payment of income, performance, or any particular rate of return from the fund. GRNV is indexed to a MSCI index. GRNV is not sponsored, endorsed, or promoted by MSCI, and MSCI bears no liability with respect to GRNV or the MSCI Index. The PDS contains a more detailed description of the limited relationship MSCI has with VanEck and GRNV. © 2019 VanEck Australia Pty Ltd