

Tortoise Recycling Decarbonization IndexSM

As of 2022 Q4 rebalance (12/19/22 open)

Company Name	Ticker	Price (\$)	Weight (%)	Actual Market Cap (\$ MM)	Yield (%)
China Everbright Greentech Ltd	1257 HK	0.25	0.1%	520.27	3.88
eRex Co Ltd	9517 JP	17.99	2.5%	1,067.20	0.90
Daiseki Co Ltd	9793 JP	32.51	1.1%	1,657.88	1.35
Aker Carbon Capture ASA	ACC NO	1.14	0.2%	686.60	0.00
Absolute Clean Energy PCL	ACE TB	0.08	0.3%	765.32	0.76
Alto Ingredients Inc	ALTO US	2.73	1.1%	205.43	0.00
Ambipar Participacoes e Empreendimentos S/A	AMBP3 BZ	3.60	0.9%	406.34	1.59
Ameresco Inc	AMRC US	60.34	3.4%	3,132.50	0.00
Amyris Inc	AMRS US	1.98	1.6%	653.71	0.00
Aemetis Inc	AMTX US	4.15	0.6%	145.43	0.00
Anaergia Inc	ANRG CN	2.90	0.1%	186.59	0.00
Biotrend Cevre VE Enerji Yatirimlari AS	BIOEN TI	0.99	0.9%	497.24	0.00
CropEnergies AG	CE2 GR	13.68	0.3%	1,193.62	3.49
Clean Harbors Inc	CLH US	115.00	5.1%	6,218.54	0.00
Clariant AG	CLN SW	15.91	1.7%	5,280.69	2.70
Clean Energy Fuels Corp	CLNE US	5.83	2.5%	1,296.76	0.00
Casella Waste Systems Inc	CWST US	81.44	3.5%	4,208.84	0.00
Darling Ingredients Inc	DAR US	60.82	4.3%	9,747.71	0.00
Denbury Inc	DEN US	87.08	5.4%	4,336.59	0.00
Drax Group PLC	DRX LN	7.78	2.6%	3,118.60	3.09
Energy Absolute PCL	EA TB	2.76	2.3%	10,289.54	0.31
Enviva Inc	EVA US	53.59	2.1%	3,588.71	6.76
FutureFuel Corp	FF US	8.80	0.5%	385.12	2.73
Gevo Inc	GEVO US	2.01	2.1%	476.82	0.00
GFL Environmental Inc	GFL CN	28.30	5.3%	9,697.65	0.17
Green Plains Inc	GPRE US	29.48	4.4%	1,748.03	0.00
Greenvolt-Energias Renovaveis SA	GVOLT PL	8.54	1.1%	1,188.09	0.00
Heritage-Crystal Clean Inc	HCCI US	30.87	0.8%	746.35	0.00
Archaea Energy Inc	LFG US	25.90	3.6%	3,124.71	0.00
Li-Cycle Holdings Corp	LICY US	5.10	2.0%	894.69	0.00
Loop Industries Inc	LOOP US	2.24	0.0%	106.24	0.00
Montrose Environmental Group Inc	MEG US	43.42	1.4%	1,290.08	0.00
Montauk Renewables Inc	MNTK US	11.34	0.8%	1,628.47	0.00
Neste Oyj	NESTE FH	47.31	5.5%	36,390.53	1.84
OPAL Fuels Inc	OPAL US	7.13	0.4%	1,212.60	0.00
Origin Materials Inc	ORGN US	5.21	1.5%	743.49	0.00
Orizon Valorizacao de Residuos SA	ORVR3 BZ	6.12	0.5%	437.51	0.00
PureCycle Technologies Inc	PCT US	6.37	1.4%	1,041.54	0.00
Quantafuel ASA	QFUEL NO	0.55	0.1%	91.58	0.00
Raizen SA	RAIZ4 BZ	0.62	2.1%	6,387.66	2.73
REX American Resources Corp	REX US	29.13	0.9%	506.58	0.00
Republic Services Inc	RSG US	131.05	3.6%	41,569.92	1.51
Renewi PLC	RWI LN	7.03	0.3%	563.78	0.00
Sao Martinho SA	SMTO3 BZ	4.42	2.3%	1,564.52	1.70
TOMRA Systems ASA	TOM NO	18.41	1.8%	5,449.17	0.91
Umicore SA	UMI BB	36.12	3.1%	8,900.12	2.35

¹Represents market capitalization after methodology market capitalization and constituent criteria have been applied.

Vertex Energy Inc	VTNR US	5.86	1.9%	443.42	0.00
Waste Connections Inc	WCN CN	134.50	5.0%	34,593.58	0.76
Waste Management Inc	WM US	161.79	5.0%	66,411.09	1.61
Tortoise Recycling Decarbonization IndexSM			100.0%	11,712.7	0.8

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It is not possible to invest directly in an index.

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