

Due Diligence

Portfolios **RE:** Constructed
with **Mackenzie**

Balanced investing for the great energy transition

Mackenzie Greenchip Global Environmental Balanced Fund

John Cook, CIM

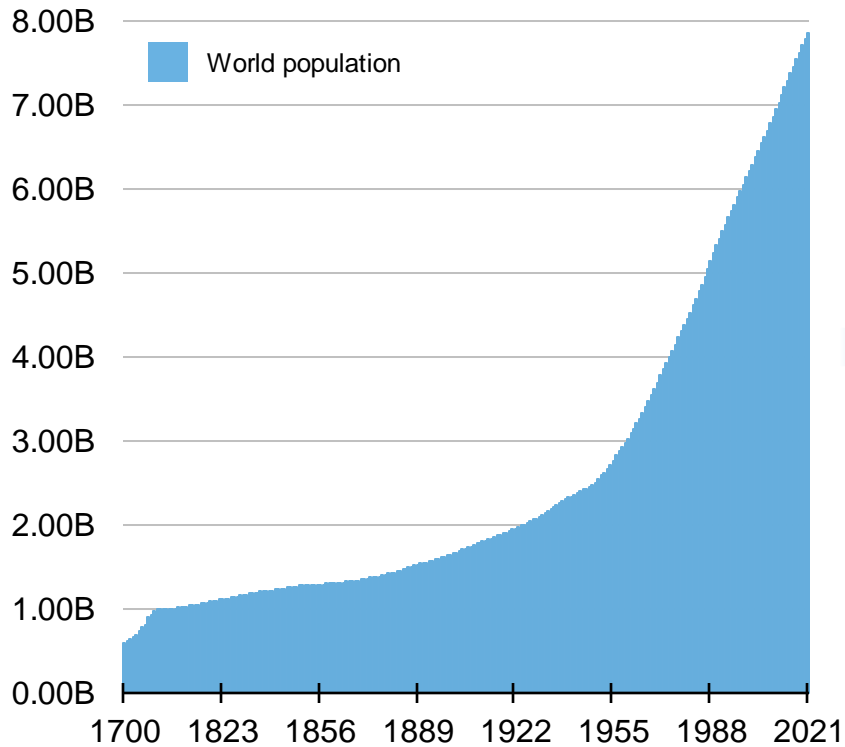
SVP, Portfolio Manager, Co-lead Mackenzie Greenchip Team

Konstantin Boehmer, MBA

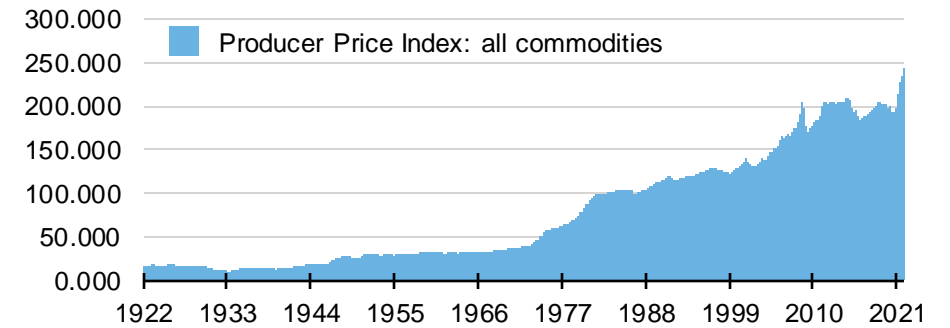
SVP, Portfolio Manager, Co-lead Mackenzie Fixed Income Team

Tail wind – Three intersecting and irrefutable forces

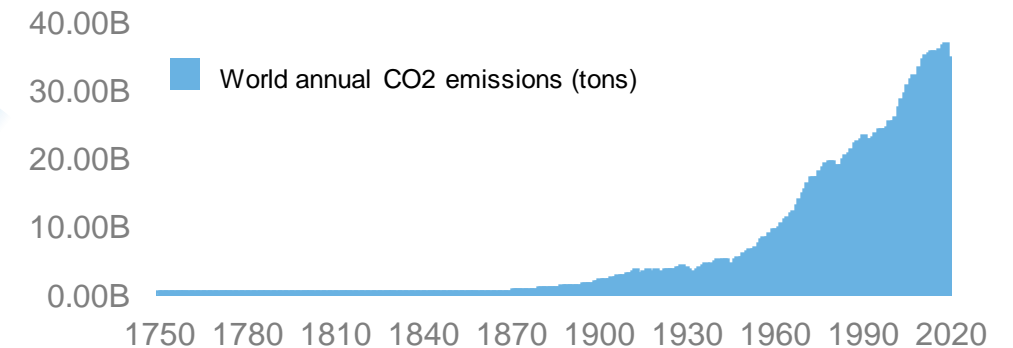
Changing demographics



Resource scarcity



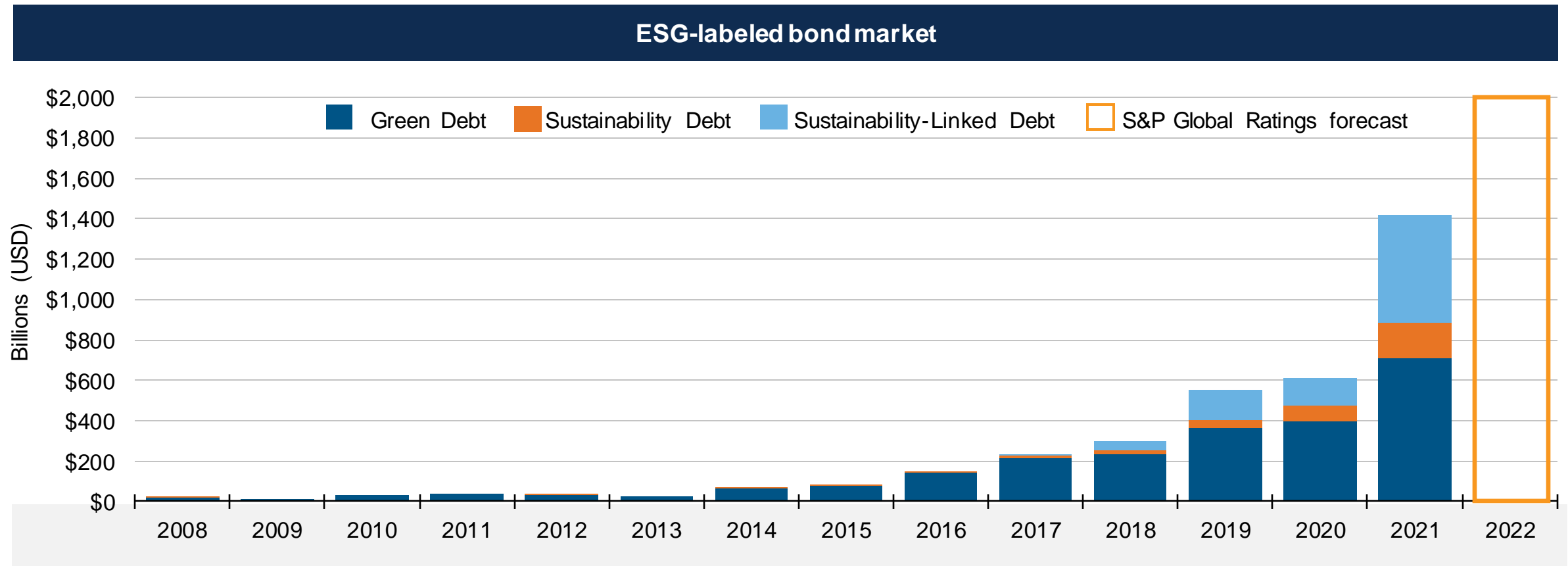
Environmental stresses



Sources: Producer Price Index from FRED - US Bureau of Labor Statistics, World population from Our World in Data - Gapminder (v6), HYDE (v3.2), UN (2019), annual CO2 emissions from Global Carbon Project.
Revenue projection by McKinsey & Company.

The capital required is over \$2.5T USD / year – Most of it financed by debt

Sustainable debt was projected to exceed \$2T in 2022



Source: Bloomberg, Environmental Finance and S&P Global Ratings. *Data through June 30, 2021.

Why us?

Greenchip



15+ years focused exclusively on the environmental economy

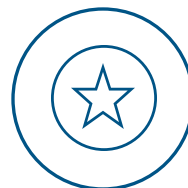


Value managers in a growth space



Long term track record of outperformance

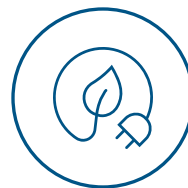
Fixed Income



Established leader in sustainable fixed income within Canada

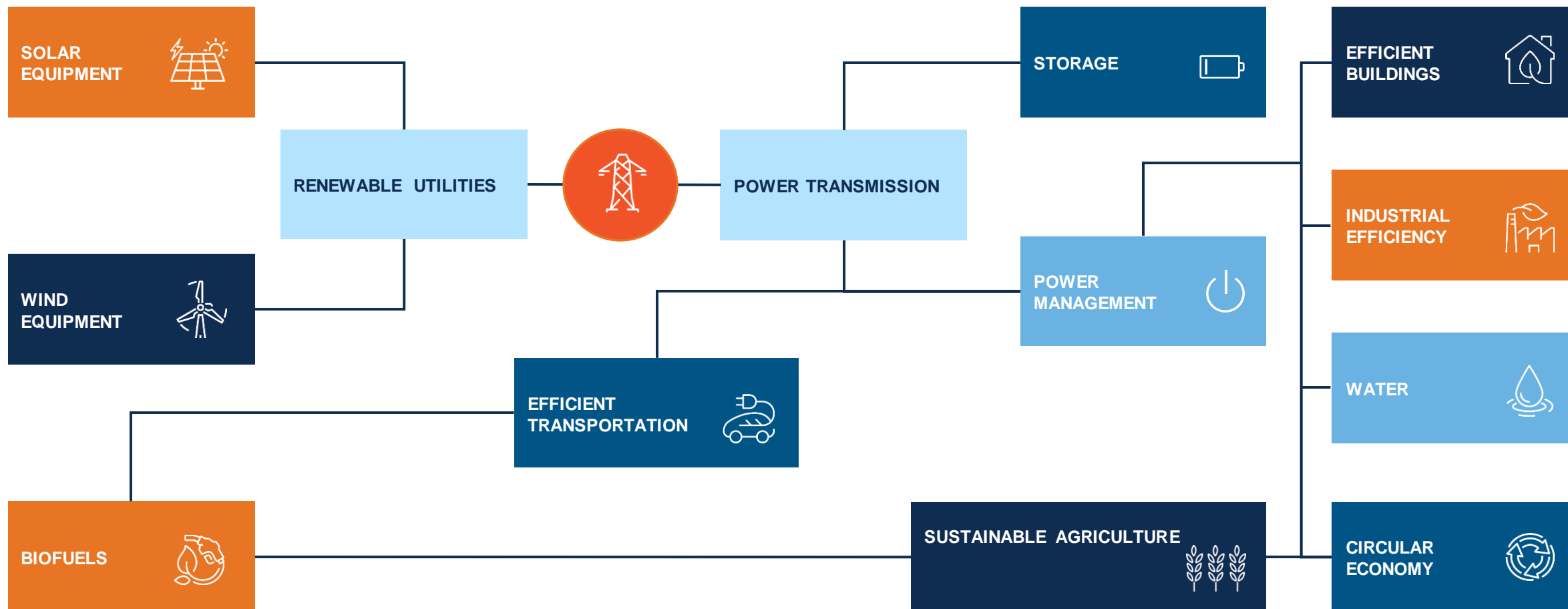


Integrated research methods with specialists in ESG and sustainable debt

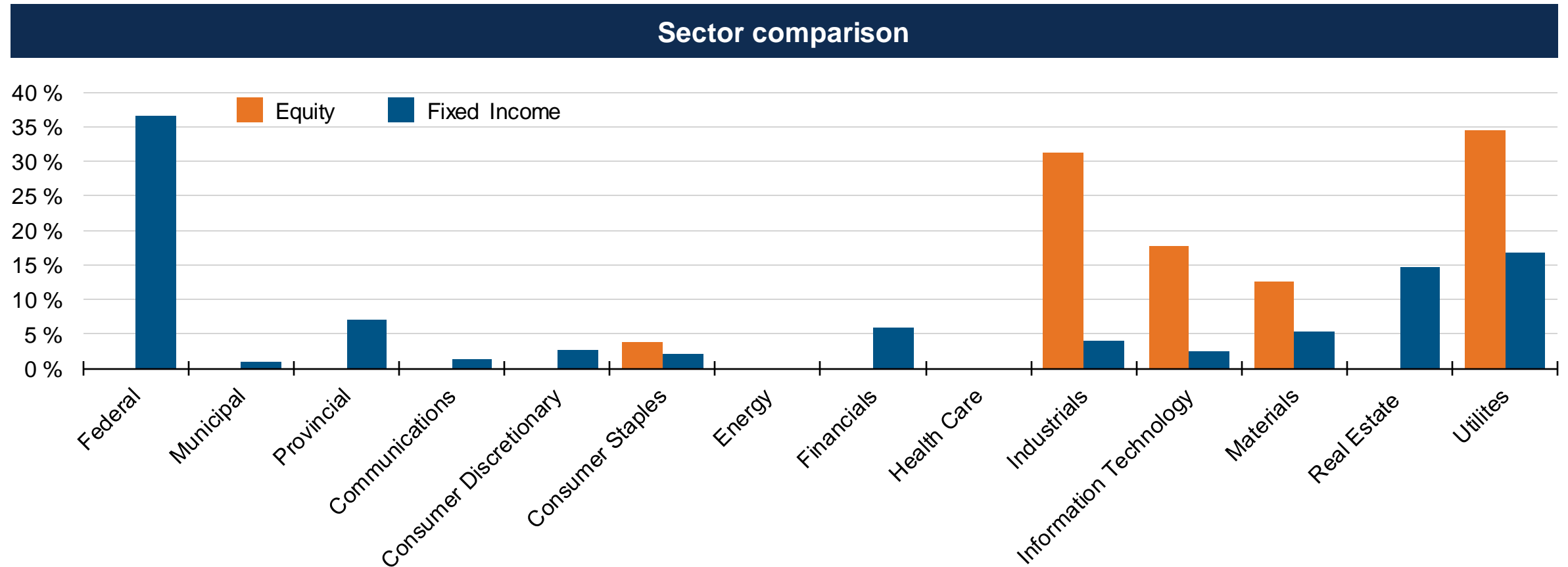


5+ year track record of managing sustainable mandates

Energy transition portfolios are the pathway to reduce global emissions – what we're excited about today



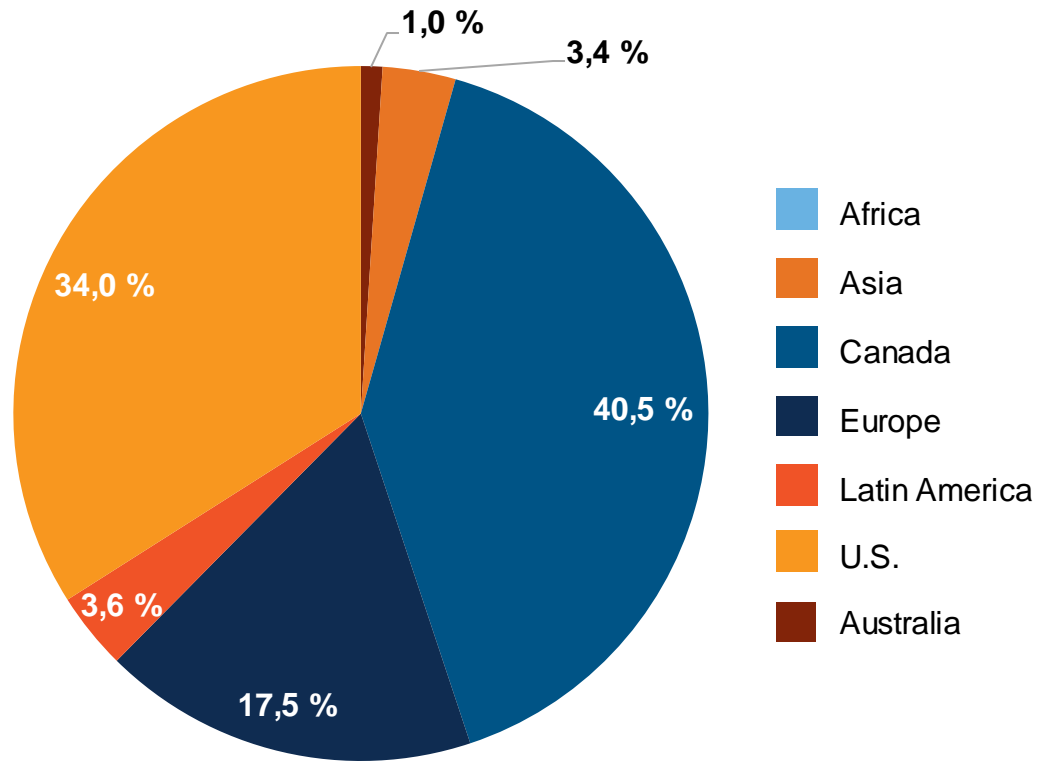
Benchmark agnostic: sector exposures



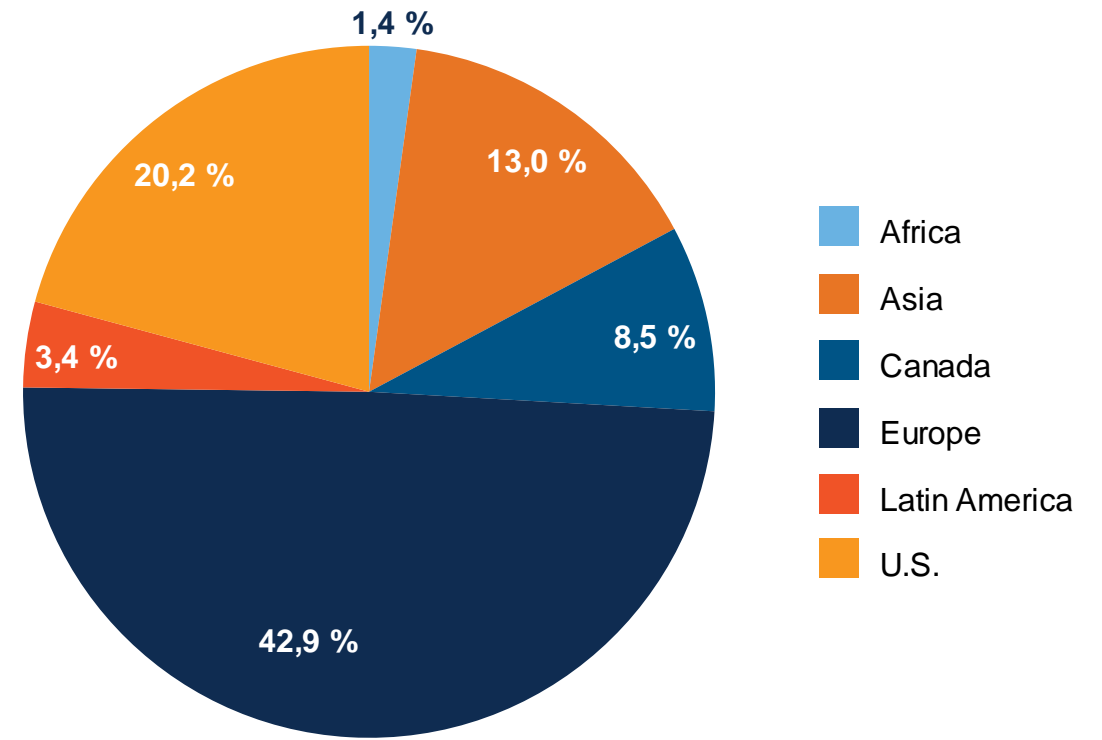
Source: Mackenzie Portfolio Analytics – as of September 30, 2022, excludes cash and equivalents

Benchmark agnostic: geographic exposures

Fixed income sleeve



Equity sleeve



Source: Mackenzie Portfolio Analytics – as of September 30, 2022, excludes cash and equivalents.

Why use this fund in your portfolios?



The great energy transition

Creating a tailwind behind environmental sectors and significant new risks for unprepared investors



Diversification

Low correlation and resemblance to many investor portfolios

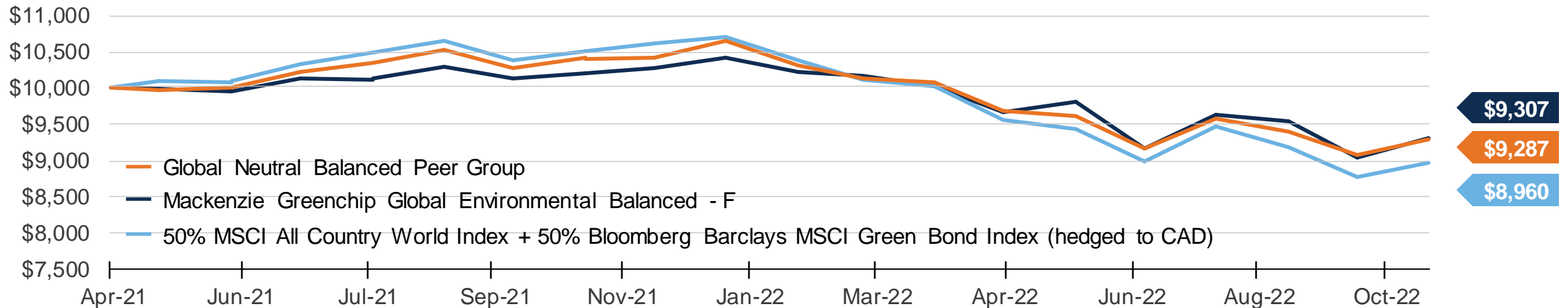


Experience +
track record

1st quartile performance from both equity and fixed income managers

- 15+ years experience with environmental equities
- 5+ years experience with sustainable fixed income

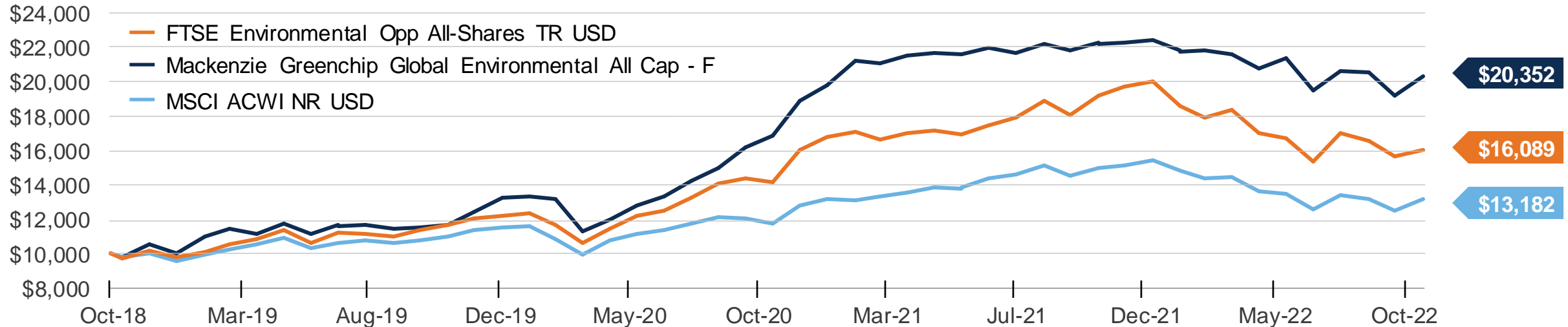
Growth of \$10,000 – Mackenzie Global Environmental Balanced Fund – F



	1mo	6mo	YTD	1yr	Since Inception 04/10/2021
Mackenzie Greenchip Global Environmental Balanced – F	3.0%	-3.7%	-10.6%	-8.8%	-4.5%
50% MSCI All Country World Index + 50% Bloomberg Barclays MSCI Green Bond Index (hedged to CAD)	2.2%	-6.3%	-16.3%	-14.7%	-6.8%
Global Neutral Balanced Peer Group	2.4%	-4.0%	-12.7%	-10.8%	-4.6%
Percentage of Peers Beaten	79	66	78	75	52

Source: Morningstar Direct, as of October 31, 2022

Growth of \$10,000 – Mackenzie Greenchip Global Environmental All Cap Fund – F



	1mo	YTD	1 yr.	2 yr.	3yr.	Since Inception*
Mackenzie Greenchip Global Environmental All Cap Fund – F	5.8%	-9.4%	-8.6%	9.8%	20.4%	19.2%
MSCI ACWI NR	5.3%	-14.8%	-11.9%	6.0%	6.1%	7.1%
FTSE Environmental Opportunities All-Shares TR	2.4%	-19.8%	-16.4%	6.6%	11.3%	12.5%
Percentage of Peers Beaten	73	85	87	85	100	100

Source: Morningstar Direct, as of October 31, 2022

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