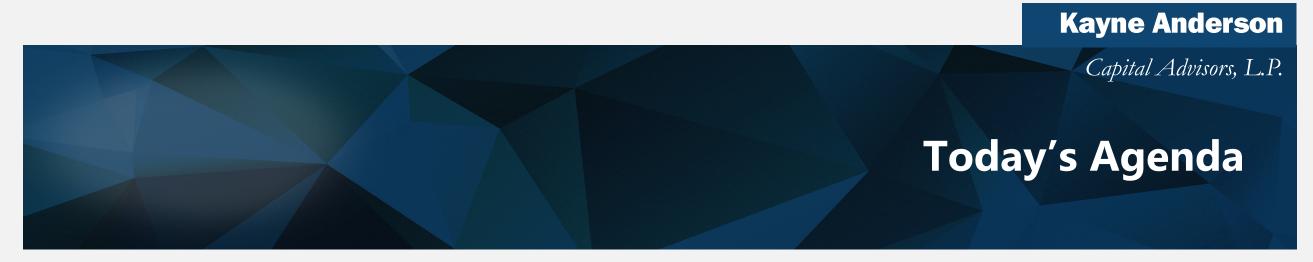
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MAY 25, 2021

INTRODUCTION & OPENING REMARKS



- I. Introduction & Opening Remarks
- II. Overview of KYN & KMF
- **III.** State of the Energy Infrastructure Industry: Midstream
- IV. State of the Energy Infrastructure Industry: Utilities & Renewable Infrastructure
- **v.** Implementing ESG in our Investment Process
- VI. Q&A Session
- VII. Closing Remarks

Capital Advisors, L.P.



Jim Baker Managing Partner



JC Frey Managing Partner



Terry Hart CFO

Capital Advisors, L.P.



Ron Logan Partner



Jody Meraz Head of Research



David LaBonte Senior Research Analyst

Capital Advisors, L.P.



Justin Campeau Senior Research Analyst



Preston Fielding Senior Research Analyst



Gordon Hamilton Senior Research Analyst

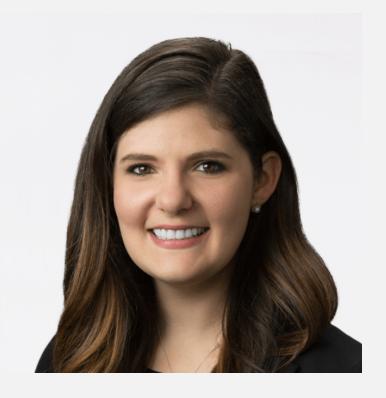
Capital Advisors, L.P.



Colby Parker Vice President - Finance



Mike Lombardo Head of ESG Strategy



Brandi Hudson Investor Relations Analyst

Capital Advisors, L.P. Disclaimer & Risk Considerations

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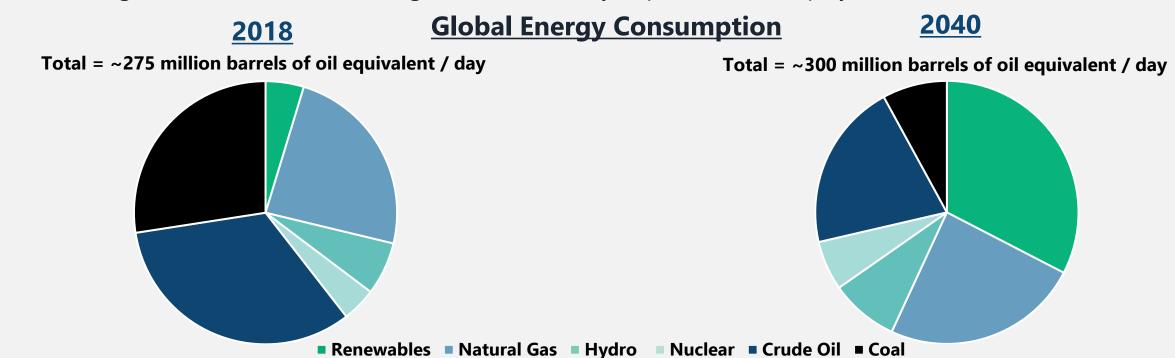
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OVERVIEW OF KYN AND KMF

Global Transition in Energy is Underway

Energy consumption expected to transition to lower carbon energy sources

As renewables grow, crude oil and natural gas still have a very important role to play



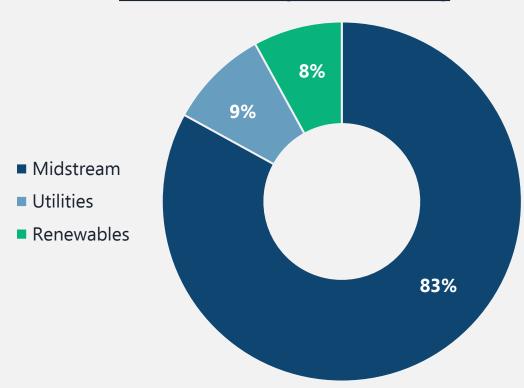
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Kayne Anderson Energy Infrastructure Fund, Inc.

KYN is our flagship fund focused on energy infrastructure

- Amended investment objective last fall; no longer required to be at least 85% midstream
- Over the last 12 months, KYN has meaningfully increased its allocation to renewable infrastructure and utilities

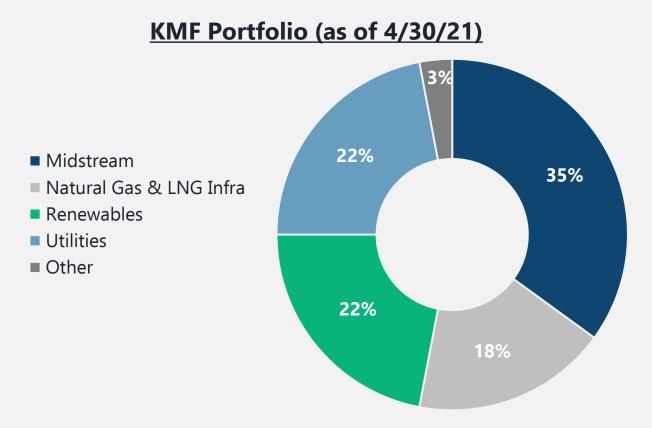
KYN Portfolio (as of 4/30/21)



Kayne Anderson Capital Advisors, L.P. Kayne Anderson NextGen Energy & Infrastructure, Inc.

KMF is our opportunistic infrastructure fund designed to provide exposure to the energy transition

- Approximately ½ of KMF's equity holdings are in renewable infrastructure and utilities
- Over 60% invested in NextGen companies¹



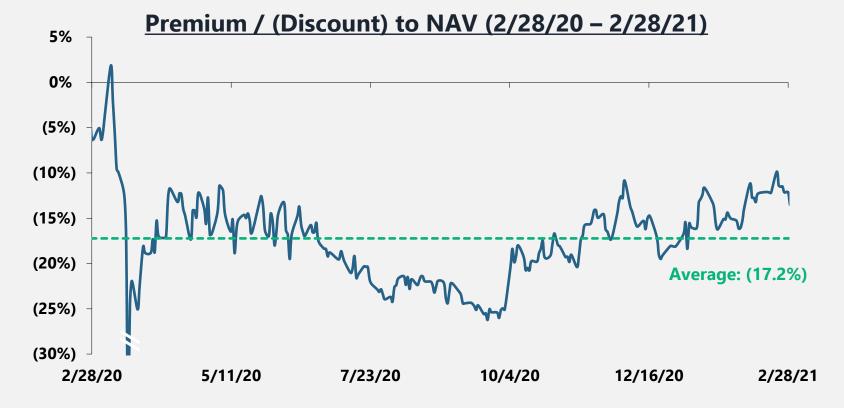
¹NextGen companies are energy companies and infrastructure companies that are meaningfully participating in, or benefitting from, the energy transition.

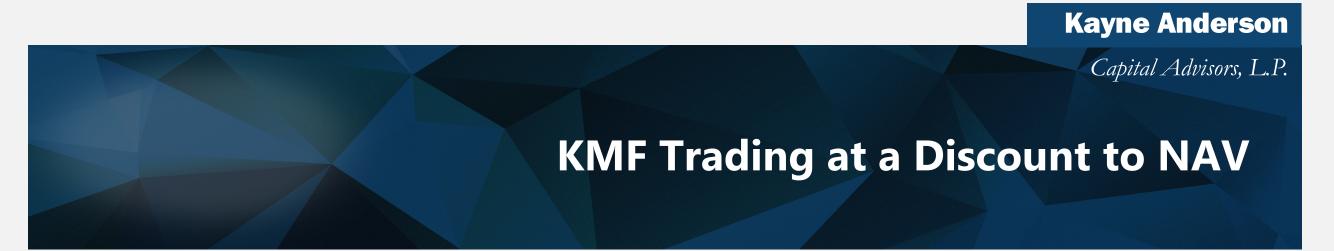
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KYN Trading at a Discount to NAV

As we entered COVID, KYN's 3-year average discount to NAV was 3.5% as of Feb 28, 2020

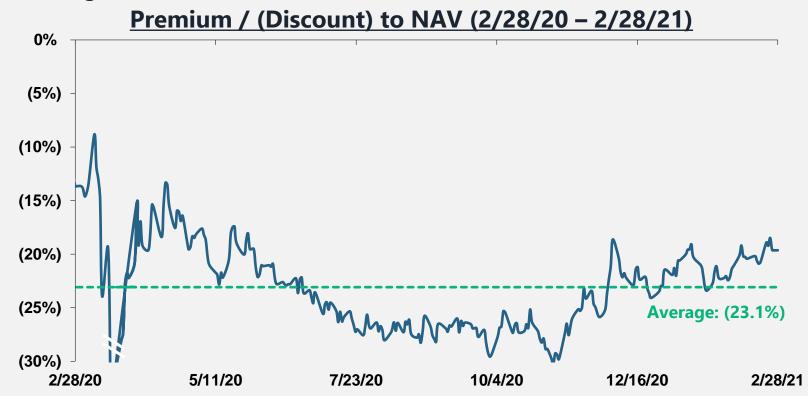
• Since then, discount has averaged 17%





As we entered COVID, KMF's 3-year average discount to NAV was 10.1% as of Feb 28, 2020

Since then, discount has averaged 23%

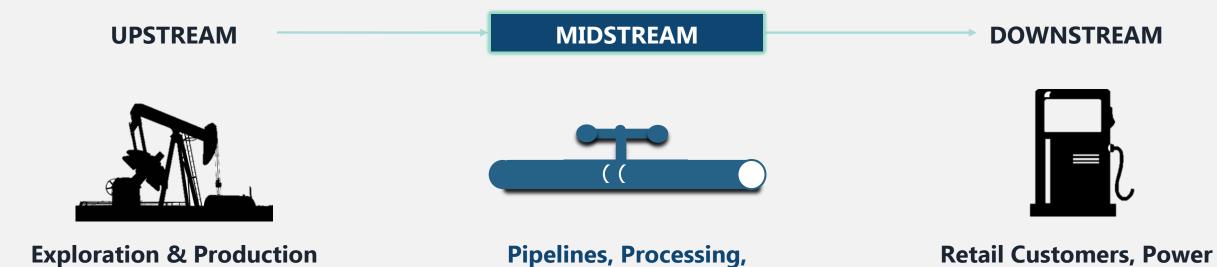


STATE OF THE ENERGY INFRASTRUCTURE INDUSTRY: MIDSTREAM

Capital Advisors, L.P. Hard Assets, Critical Infrastructure

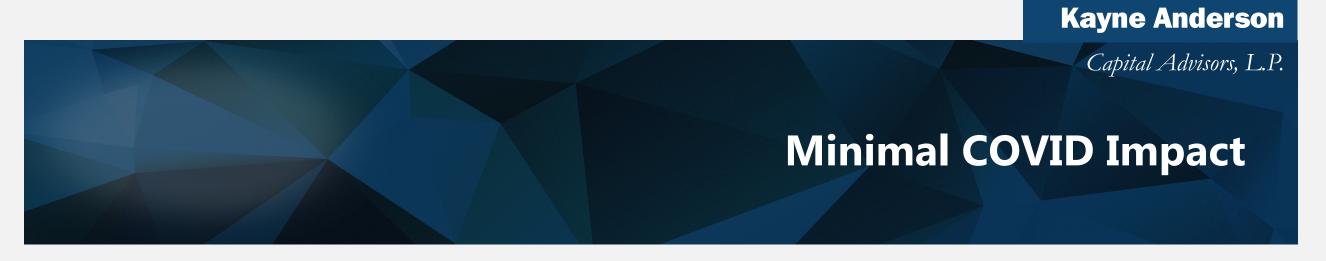
Midstream energy infrastructure is a critical part of the energy value chain

Includes assets such as pipelines, processing plants, storage terminals, fractionation and LNG export facilities

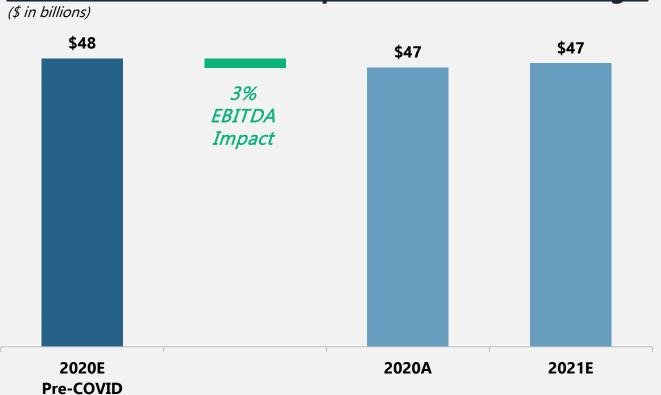


Storage, Fractionation, LNG

Plants, Petrochemicals



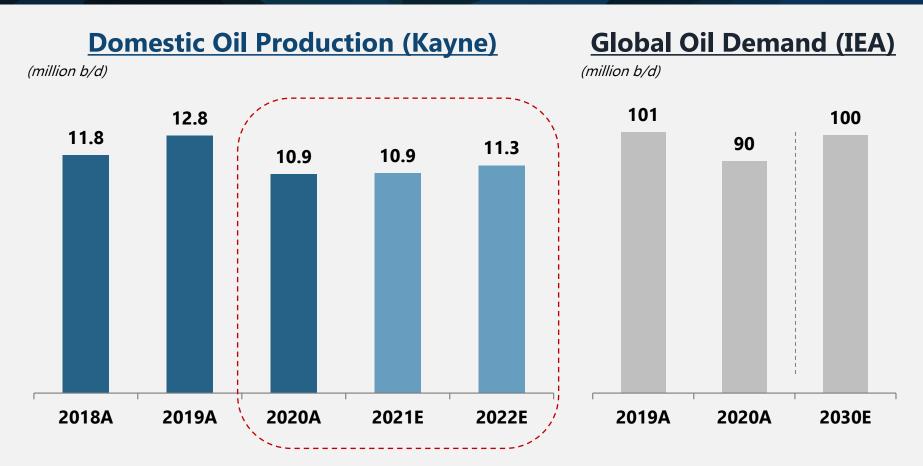
EBITDA Forecast: KYN Top 10 Midstream Holdings¹



¹Includes TRGP, WES, ET, PAA, OKE, EPD, WMB, MPLX, MMP and TRP.

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Domestic Oil Production

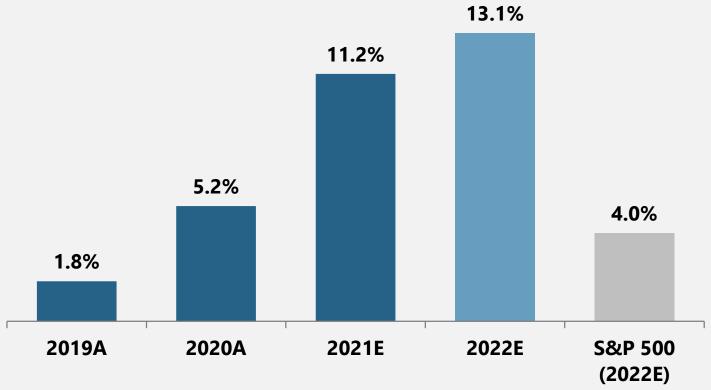


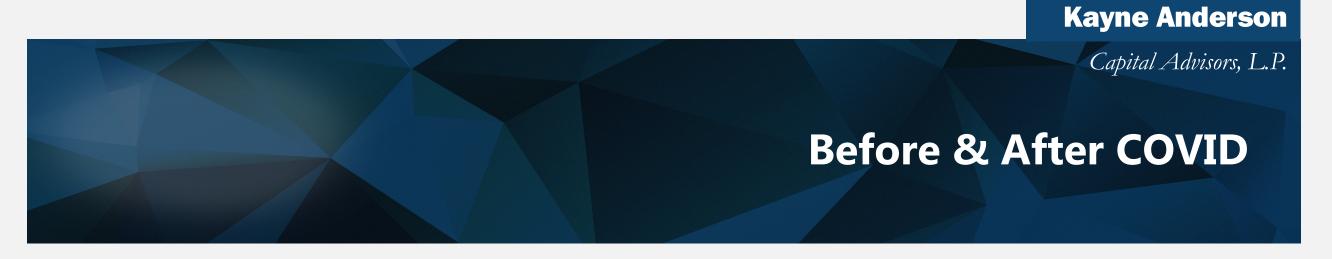
Source: Kayne Anderson, EIA and IEA's World Energy Outlook (2020).

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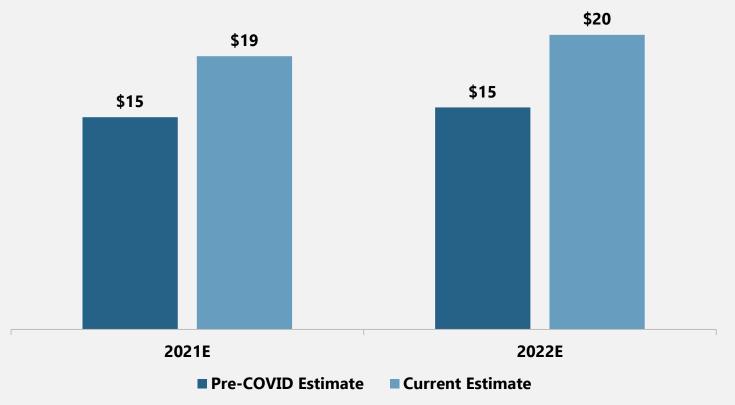
Strong Free Cash Flow Generation

FCF Yields: KYN Top 10 Midstream Holdings¹





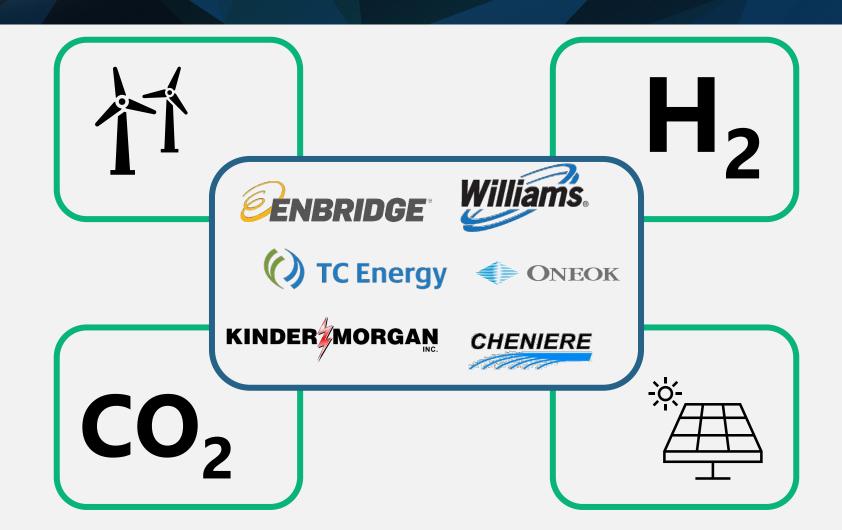
Free Cash Flow: KYN Top Ten Holdings¹



¹Includes TRGP, WES, ET, PAA, OKE, EPD, WMB, MPLX and MMP. Excludes TRP.

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Energy Transition



STATE OF THE ENERGY INFRASTRUCTURE INDUSTRY: UTILITIES & RENEWABLE INFRASTRUCTURE

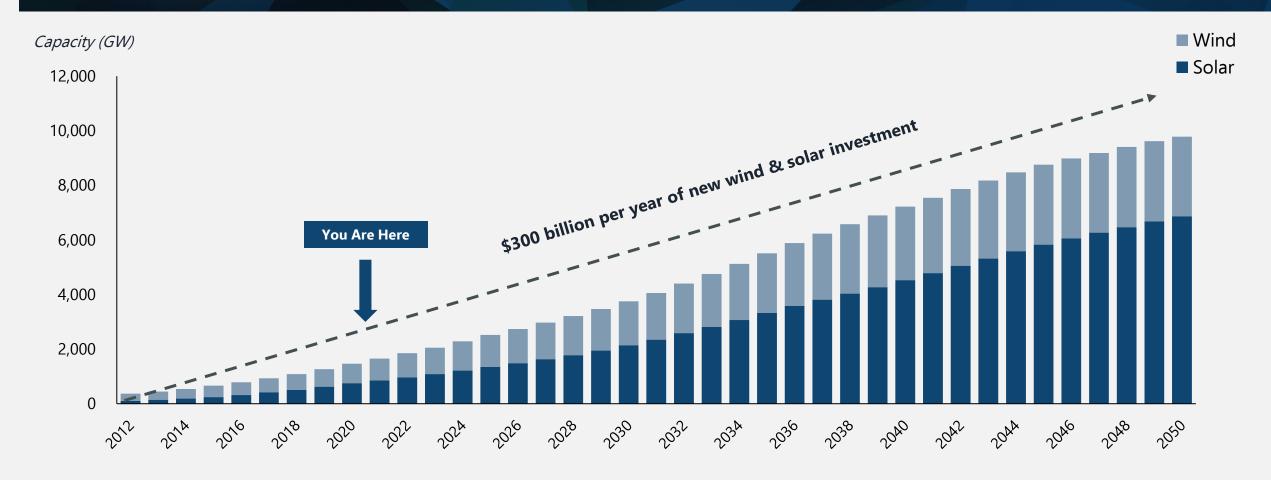
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Rapidly Declining Cost of Renewables

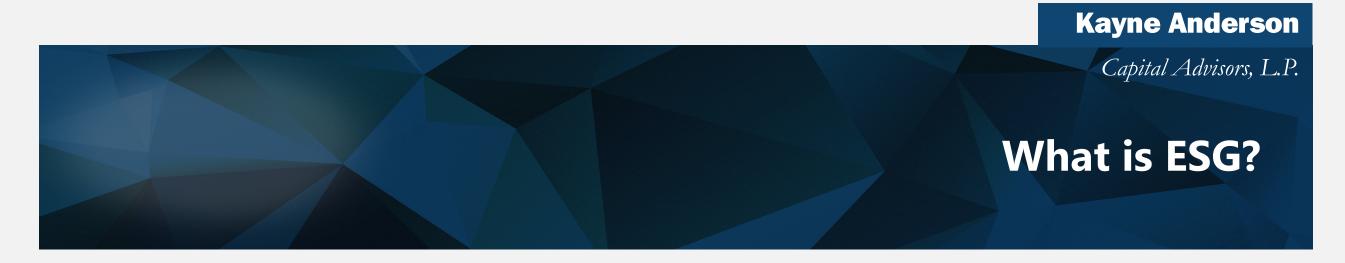


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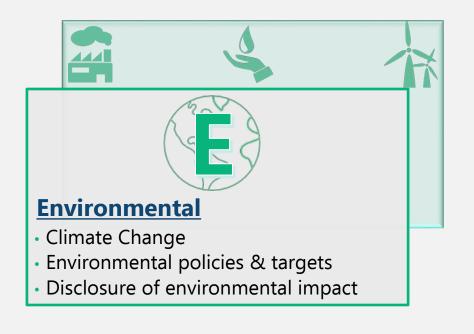
Early Stages of Massive Investment Cycle



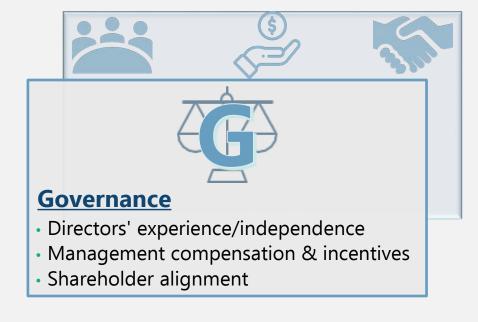
IMPLEMENTING ESG IN OUR INVESTMENT PROCESS



ESG reflects a company's integration of environmental, social and governance factors into its business model and strategy





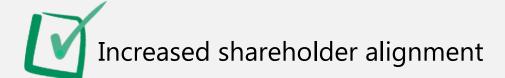


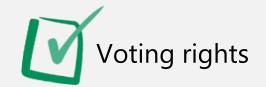


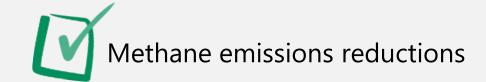
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ESG Progress in Midstream

Midstream companies have been making changes to implement best practices









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Kayne Anderson's Responsible Investment Philosophy

We Believe Responsible Investment Practices Provide Tangible Benefits to Investors

- Companies with strong ESG practices mitigate certain risks in portfolios
- Identification of investment opportunities
- More attractive to investors

Commitment to Responsible Investing:

Signatory of:





As responsible stewards of capital, Kayne believes promoting responsible investment practices and sustainable business practices create long-term value for our investors

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Integrating ESG Into our Investment Process



Integrate Material ESG Risks And Opportunities In Our Investment Process



Engage Portfolio Companies On Material ESG Risks And Opportunities



To Provide Our Stakeholders With Greater Visibility Into Our ESG Initiatives

Assess



Monitor



Engage

Q&A SESSION

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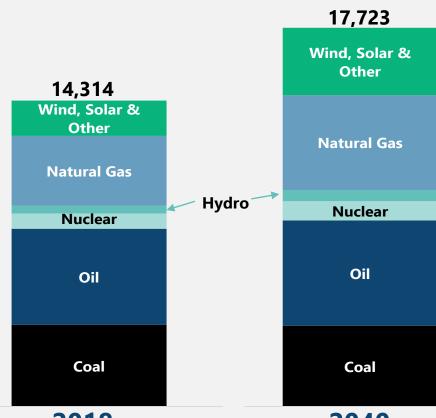
Population Growth & Urbanization Drive Energy Demand Higher

Global Population

12 80% 70% 10 % Urban 60% 8 50% Billions 40% Urban 30% 4 20% 2 Rural 10% 0 0% 2010 2020 2030 2040 2050

Global Energy Production

(Million-ton oil equivalent)



2018

2040

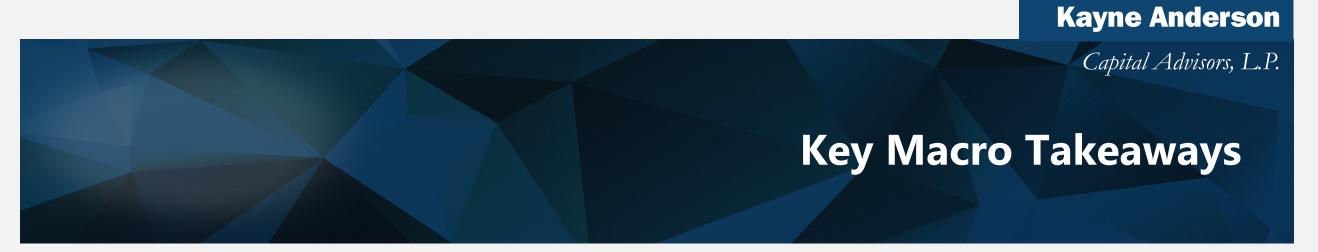
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Strong Free Cash Flow Generation

FCF Yields: KYN Top 10 Midstream Holdings¹



CLOSING REMARKS



Bullish outlook for energy infrastructure over the next decade

- Sector is benefitting from the economic recovery
- Companies own assets that are critical to our economy hard assets with stable cash flows
- Energy transition is a "once in a generation" opportunity
- "Age of free cash flow" for the midstream sector

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Key KYN and KMF Takeaways

The funds provide an efficient way for investors to get exposure to energy infrastructure

- Actively managed portfolios by a team of seasoned investment professionals
- Benefits of diversity in a single stock
- Attractive yields
- Tax simplicity one Form 1099
- Price to NAV discounts provide attractive entry point for investors