



CORPORATE PROFILE

May 2022



FORWARD LOOKING STATEMENTS

Some of the information contained herein are forward-looking statements within the meaning of Section 27A of the Securities Act of 1933, as amended, and Section 21E of the Securities Exchange Act of 1934, as amended. When used herein, words such as "believe," "expect," "anticipate," "estimate," "plan," "continue," "intend," "should," "may," "target," or similar expressions, are intended to identify such forward-looking statements. Forward-looking statements are subject to significant risks and uncertainties. Investors are cautioned against placing undue reliance on such statements. Actual results may differ materially from those set forth in the forward-looking statements. Factors that could cause actual results to differ materially from those described in the forward-looking statements include those discussed under the caption "Risk Factors" included in our Form 10-K for the year ended December 31, 2021 (the "Form 10-K"), which was filed with the U.S. Securities and Exchange Commission (SEC), as well as in other reports that we file with the SEC.

Other important factors that we think could cause our actual results to differ materially from expected results are summarized below, including the ongoing impact of the current outbreak of the novel coronavirus ("COVID-19"), on the U.S., regional and global economies, the U.S. climate solutions market and the broader financial markets. The current outbreak of COVID-19 has also impacted, and is likely to continue to impact, directly or indirectly, many of the other important factors below and the risks described in the Form 10-K and in our subsequent filings under the Exchange Act. Other factors besides those listed could also adversely affect us. In addition, we cannot assess the impact of each factor on our business or the extent to which any factor, or combination of factors, may cause actual results to differ materially from those contained in any forward-looking statements. In particular, it is difficult to fully assess the impact of COVID-19 at this time due to, among other factors, uncertainty regarding new virus variants and uncertainty regarding whether "herd immunity" can be achieved through vaccination campaigns.

Forward-looking statements are based on beliefs, assumptions and expectations as of March 31, 2022. This guidance reflects our estimates of (i) yield on our existing portfolio; (ii) yield on incremental portfolio investments, inclusive of our existing pipeline; (iii) the volume and profitability of transactions; (iv) amount, timing, and costs of debt and equity capital to fund new investments; (v) changes in costs and expenses reflective of our forecasted operations; (vi) the ongoing impact of the current outbreak of COVID-19; (vii) disruptions to the renewable energy supply chain that may result from changes in the regulatory environment and other factors, and (viii) the general interest rate and market environment. All guidance is based on current expectations of the future impact of COVID-19 and the economic conditions, the regulatory environment, the dynamics of the markets in which we operate and the judgment of our management team, among other factors. In addition, actual dividend distributions are subject to approval by our Board of Directors on a quarterly basis. We have not provided GAAP guidance as discussed in the Supplemental Financial Data slide of this presentation. We disclaim any obligation to publicly release the results of any revisions to these forward-looking statements reflecting new estimates, events or circumstances after the date of this presentation.

This presentation refers to certain financial measures that were not prepared in accordance with U.S. generally accepted accounting principles ("GAAP"). Reconciliations of those non-GAAP financial measures to the most directly comparable GAAP financial measures can be found in the Appendix herein.

Estimated carbon savings are calculated using the estimated kilowatt hours, gallons of fuel oil, million British thermal units of natural gas and gallons of water saved as appropriate, for each project. The energy savings are converted into an estimate of metric tons of CO2 equivalent emissions based upon the project's location and the corresponding emissions factor data from the U.S. Government and International Energy Agency. Portfolios of projects are represented on an aggregate basis. The carbon and water savings information included in this presentation is based on data from a third-party source that we believe to be reliable. We have not independently verified such data, which involves risks and uncertainties and is subject to change based on various factors.

Past performance is not indicative nor a guarantee of future returns.



WHO WE ARE



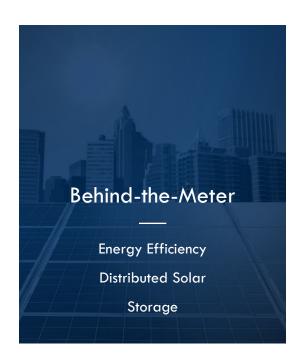
First U.S. public company solely dedicated to investments in climate solutions

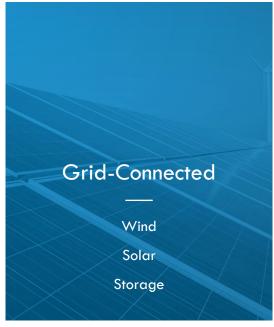
Climate Positive Investor

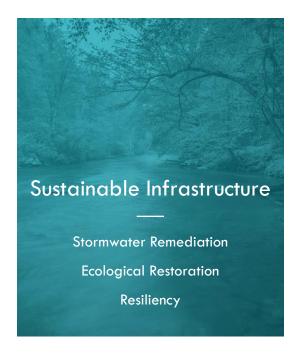
>\$9 Billion
Managed Assets

22% Annual Total Return¹

Markets & Asset Classes









OUR VISION, PURPOSE, AND VALUES

Our Vision

Every investment improves our climate future

Our Purpose

Make climate-positive investments with superior risk-adjusted returns

Our Values

Solve client problems

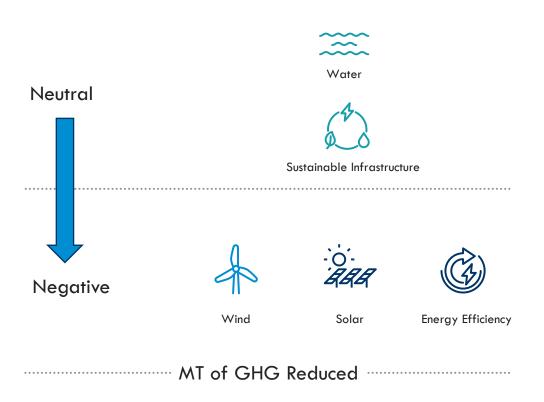
2 Embrace collaboration 3

Ask good question



OUR INVESTMENT THESIS

We will earn superior risk-adjusted returns by investing on the right side of the climate change line





Supporting Pillars

- Smaller increments of capital expenditure create a more diversified portfolio
- More efficient technologies waste less and thus enable higher economic returns (2nd Law of Thermodynamics)
- Internalized externalities and an embedded option on carbon pricing reduce social costs and friction

PROGRAMMATIC INVESTMENT PLATFORM

Clients include >40 leading clean energy and infrastructure companies



Behind-the-Meter >20 clients

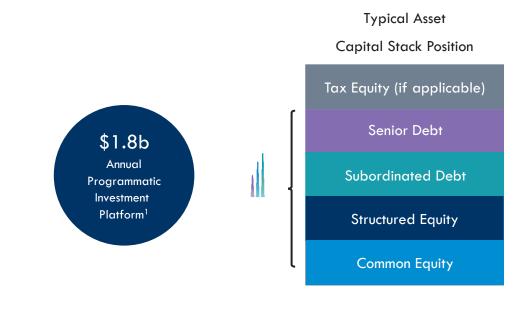


Grid-Connected
>15 clients



Sustainable Infrastructure

>5 clients



Our programmatic client relationships drive execution efficiency for asset-level investments and pipeline growth



BUSINESS MODEL

Dual income streams:

Illustrative Summary¹



Investment Income



Fee Income

Securitizations

	% of assets
Gross Asset Yield ²	7.5%
- Interest Expense	(3.5%)
= Net Investment Margin	4.0%
+ Gain on Sale & Fees	1.5%
- SG&A	(1.5%)
= Illustrative ROA	4.0%
Assets/Equity	2.5x
Illustrative ROE	10%

Our dual revenue model is driven by relatively stable investment margins and robust gain on sale



COMPELLING VALUE PROPOSITION

Programmatic Growth

• Robust >\$4b pipeline supported by deep relationships with leading clean energy and infrastructure companies

Diversified High-Quality Portfolio

~320 investments across ~10 asset classes

Durable Capital Structure

 Credit rating of BB+ underpinned by prudent 1.6x debt to equity ratio and 96% fixed debt

Industry-Leading ESG

 Leading investor in climate solutions with proprietary tools to evaluate portfolio carbon and water reduction impacts

Proven Track Record

- Outstanding credit history with de minimis <20 bps cumulative credit losses³
- · Stable and growing dividend

Total Return¹

	3yr	5yr	7yr
HASI	26%	22%	17%
S&P 500 ESG Index	21%	16%	13%
FTSE NAREIT Index	11%	10%	8%
YieldCo Index ²	10%	10%	3%

Key Metrics⁴

5% - 8%

DPS

Compound Annual Growth Guidance

10% - 13% Distributable EPS

Compound Annual Growth Guidance⁵

\$9.0b

Managed Assets



¹⁾ As of 3/31/22

Global X Renewable Energy Producers ETF

B) Calculation represents credit losses as a percentage of cumulative originations, excluding equity method investments.

⁴⁾ See Appendix for an explanation of Distributable Earnings and Managed Assets, including reconciliations to the relevant GAAP measures, where applicable.

⁵⁾ Expectation from 2021 through 2024, relative to the 2020 baseline

INVESTMENT SPOTLIGHT: BTM PUBLIC PRIVATE PARTNERSHIP

Hawkeye Energy

- >\$1b aggregate utility management concession
- Supports University of lowa's sustainability goals, including obtaining coal-free energy production on or before 2025
- Two campuses spanning 1,700 acres one of the largest university footprints in the U.S.

Key Investment Highlights		
HASI Investment Size	\$115m	
Structure	Preferred Equity	
Market – Asset Class	BTM – Public Private Partnership (P3)	
Term	50 years	
Counterparty	University of Iowa (Aa11)	
Clients	ENGIE North America, Meridiam	
CarbonCount	0.0 (initially)	

Strategic Benefits

- Expected to generate attractive risk-adjusted returns
- Provides 50 years of contracted cash flows with an investment grade (IG) counterparty
- Further expansion into sizeable higher education P3 market
- Further diversifies and strengthens the credit quality of balance sheet portfolio
- Supports ESG objectives, including significant expected reductions in carbon emissions over the contract life





INVESTMENT SPOTLIGHT: ENGIE BTM PORTFOLIO

Investment Overview

- \$93m preferred equity investment with Morgan Stanley as tax equity and ENGIE as sponsor equity co-investors
- 70 MW community and C&I solar + 8 MW collocated storage projects located across multiple states
 - Contracted with highly creditworthy consumer, C&I, and co-operative offtakers
- O&M Provider: ENGIE
- CarbonCount®: 0.27

ARR RRR RRR

Strategic Highlights

- Unique structure leveraging tax equity financing to bring efficiency to a forward flow of projects
- Significantly grows community and C&I solar portfolios





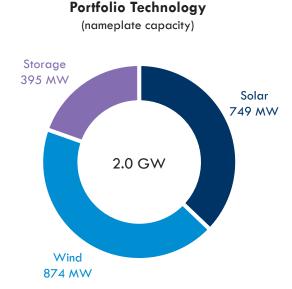
INVESTMENT SPOTLIGHT: CLEARWAY GC PORTFOLIO

Investment Overview

- \$663m preferred equity investment with Clearway Energy, Inc. (CWEN) as equity coinvestor across 7 projects
- 2.0 GW grid-connected wind, solar, and solar + storage projects
- ~90% of generation is contracted
 - Predominantly IG corporate, utility, university, and municipal offtakers (including Toyota, Cisco, Lowe's, AEP, and Brown University)
- O&M Provider: Clearway Energy Group
- CarbonCount[®]: 1.06

Strategic Highlights

- First GC solar + storage investment
- Significantly grows portfolio and supports continued growth in recurring NII
- Continued programmatic deal flow with large, ambitious partner focused on U.S. market







INVESTMENT SPOTLIGHT: RESIDENTIAL SOLAR

Sunrun Residential Solar Lease Portfolio

- Long-term, predominantly contracted cashflows with average seasoning of 3 years
- Strong counterparty credit and geographic diversity
- Significant average customer savings relative to baseline utility rates

Strategic Benefits

- Attractive risk-adjusted returns, supporting continued growth in recurring NII
- Sixth transaction with Sunrun/Vivint positions us well for more follow-on opportunities in residential solar market with storage, home EV charging, and efficiency add-ons

Key Investment Highlights		
HASI Investment	>\$200m	
Client	Sunrun	
Structure	Mezzanine Loan	
Asset	>30k resi solar systems (>200 MW)	
Counterparty Credit	WAVG ¹ FICO: "Very Good"	
Contracted Cashflows	88% (20-25yr contracts)	
Geographic Diversity	>20 states	
CarbonCount	0.20	







RECENT RESULTS



RECENT HIGHLIGHTS

Key F	Performance Indicators	1Q22	1Q21	Growth (YOY)
EDC	GAAP	\$0.51	\$0.61	
EPS	Distributable ¹	\$0.52	\$0.43	+21%
	GAAP-based	\$10.1m	\$4.0m	
NII	Distributable ¹	\$42.5m	\$30.1m	+41%
Portfo	olio Yield ¹	7.3%	7.7%	
Portfo	olio ²	\$3.7b	\$2.9b	+28%
Mana	aged Assets ¹	\$9.0b	\$7.4b	
Distri	butable ROE ³	11.5%	11.3%	
Pipel	ine	>\$4b	>\$3b	
Trans	actions Closed	\$331m	\$188m	
Carb	onCount ^{®5}	0.19	0.46	
Increme	ntal Annual Reduction in Carbon Emissions	~63k MT	~87k MT	
Wate	erCount ^{™6}	1,153.7	128	
Incremental Annual Water Savings		~382 MG	~24 MG	

Financial Results¹

- Declared dividend of \$0.375 per share
- Affirm guidance for Distributable EPS (2021 2024)⁴: 10% 13% (CAGR) and DPS: 5% 8% (CAGR)



CarbonCount® Highlight: Costs Matter

• Two California solar investments:

Grid-Connected	0.8 MT of CO2 per \$1,000 invested
C&I	0.2 MT of CO2 per \$1,000 invested



¹⁾ See Appendix for an explanation of Distributable Earnings, Distributable Net Investment Income, Portfolio Yield and Managed Assets, including reconciliations to the relevant GAAP measures, where applicable.

GAAP-based

³⁾ Distributable ROE is calculated using Distributable Earnings for the period and the average of the quarterly ending equity balances for the period.

Relative to 2020 baseline

CarbonCount® is a scoring tool that evaluates investments in U.S.-based energy efficiency and renewable energy projects to estimate the expected CO₂ emission reduction per \$1,000 of investment.

WaterCount M is a scoring tool that evaluates investments in U.S.-based projects to estimate the expected water consumption reduction in gallons per \$1,000 of investment.

INDUSTRY CHALLENGES, IMPACTS AND OPPORTUNITIES

Industry Challenges	Industry Impacts	HASI Impacts and Opportunities
Inflation and Energy Prices	 PPA prices on average have risen ~10% in the first quarter and 29% YOY¹ Natural gas and utility prices have increased by a greater amount, which improves the economics of new build renewables 	 New investments are made after economic terms are established so minimal impact on HASI returns Existing portfolio largely benefitting from higher commodity and retail rates May allow common equity investments to become more attractive
AD/CVD and Supply Chain Disruptions	 Anti-circumvention creating disruption in solar supply chain Most impactful on GC Solar Less impact on BTM Solar 	 Some delays on average year-to-date, but consistently manageable GC pipeline primarily comprised of advanced projects or 'clean' supply chain Solar is only a portion of our business
Transmission Congestion and Basis Risk	Causes pricing mismatch under some PPAs leading to revenue shortfalls	Relatively minor due to preferred feature of investments
War in Ukraine	 Reminder that national security is dependent on energy security 	Reinforces the need to accelerate the clean energy transition



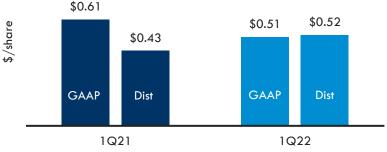
FINANCIAL RESULTS (1Q22)

Continued growth in Distributable EPS driven by both NII and Gain on Sale

Results, Unaudited ¹ (\$ in millions, except per share figures)	1Q22
GAAP Diluted EPS	\$0.51
Distributable EPS	\$0.52
Distributable NII	\$42.5m
GAAP Gain on Sale and Fees	\$21.7m

GAAP and Distributable EPS1 **Dist EPS: +21% (YOY)**





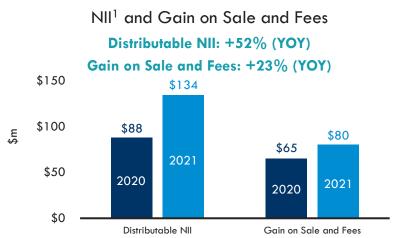


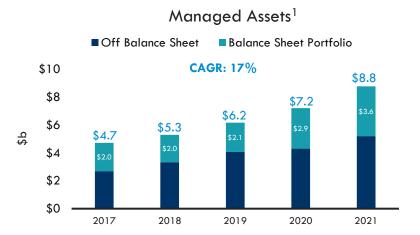


FINANCIAL RESULTS (FY21)

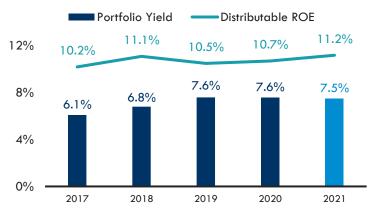
GAAP and Distributable EPS¹ Distributable EPS: +21% (YOY) \$1.88 \$2.00 \$1.55 \$1.51 \$/share \$1.50 \$1.10 \$1.00 2021 2021 2020 2020 \$0.50 \$0.00

GAAP





Portfolio Yield¹ and Distributable ROE²



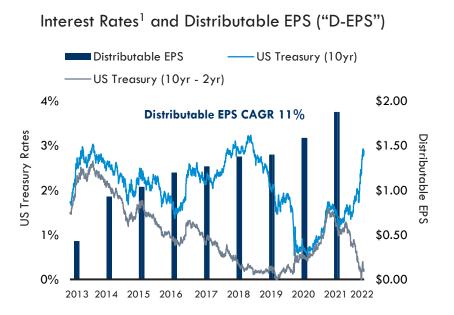
¹⁾ See Appendix for an explanation of Distributable Earnings, Distributable Net Investment Income, Managed Assets, and Portfolio Yield, including reconciliations to the relevant GAAP measures, where applicable.

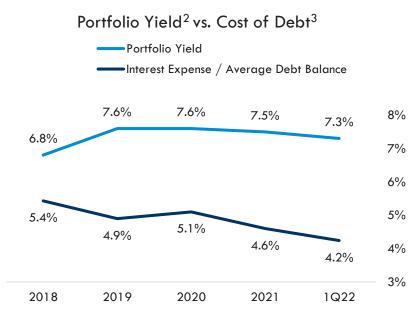


Distributable



DISTRIBUTABLE EPS GROWTH ACROSS VARIETY OF INTEREST RATE MARKETS





We have delivered consistent earnings growth in a variety of interest rate environments



See Appendix for an explanation of Portfolio Yield



³⁾ Excludes incremental interest expense related to debt prepayments



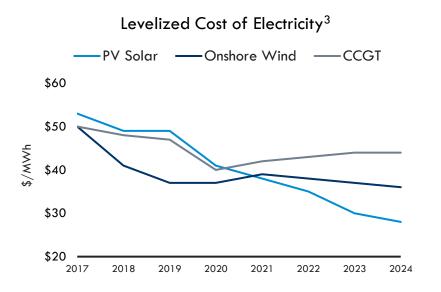
PROGRAMMATIC INVESTMENT PLATFORM

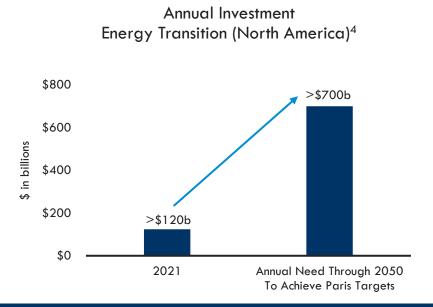


TOTAL ADDRESSABLE MARKET EXPANDS

U.S. Government: Target to reduce emissions >50% by 20301

Corporates: ~1000 with SBTi-approved Net Zero Targets²





Driven primarily by cost declines and net zero targets, our total addressable market continues to grow



¹⁾ Relative to 2005 baseline

²⁾ As of 12/31/2021

Bloomberg New Energy Finance (U.S. only)

Bloomberg New Energy Finance, Global Financial Markets Association, and Boston Consulting Group

PIPELINE BENEFITS FROM ACCELERATION TO CLEAN ENERGY

Markets



Behind-the-Meter

Weighted toward energy efficiency

Solar and storage opportunities remain strong



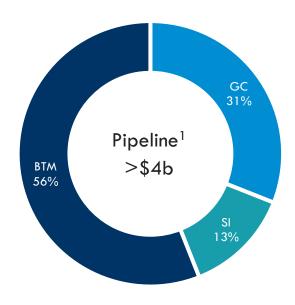
Grid-Connected

Weighted toward solar and primarily comprised of operating, under construction, and late-stage development assets



Sustainable Infrastructure

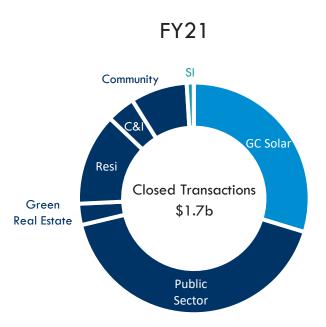
Opportunities in environmental restoration Increasingly driven by new asset classes such as transportation, standalone storage, and renewable natural gas



Growing pipeline driven by diverse set of >40 programmatic and prospective clients – many active in multiple asset classes

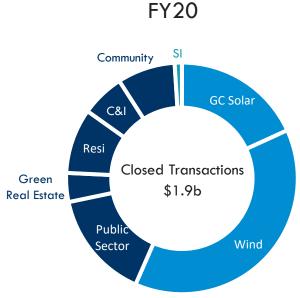


RECENT INVESTMENT ACTIVITY



% of Closed Transactions

FY21	Asset Class	FY20
42%	Public Sector	15%
13%	Residential	9%
8%	Community	8%
4%	C&I	6%
3%	Green Real Estate	4%
30%	GC Solar	18%
	Wind	38%
<1%	Sustainable Infrastructure	1%



The diversity of our investment platform allows us to pivot among asset classes and leads to consistent growth



POWER OF PROGRAMMATIC RELATIONSHIPS







5
Distinct Transactions

>\$800m
Committed Investment

Initiate Client Partnership with ENGIE

Zippered relationship coupled with access to flexible capital enable the development of solutions embedded across client business units

2018

\$50m investment in a C&I solar portfolio located across multiple states



2020 - 2021

- \$115m structured equity investment in a P3¹ with the University of Iowa to operate and upgrade multiple campus utilities in support of university sustainability objectives
- \$540m structured equity investment in a 2.3 GW portfolio of grid-connected wind and solar projects with high credit quality offtakers
- \$93m structured equity investment in a 70 MW portfolio of community and C&I solar (including co-located storage) located across multiple states
- \$13m securitized debt investment in a U.S. Veterans Administration energy efficiency project through the use of a Master Purchase Agreement





DIVERSIFIED HIGH-QUALITY PORTFOLIO



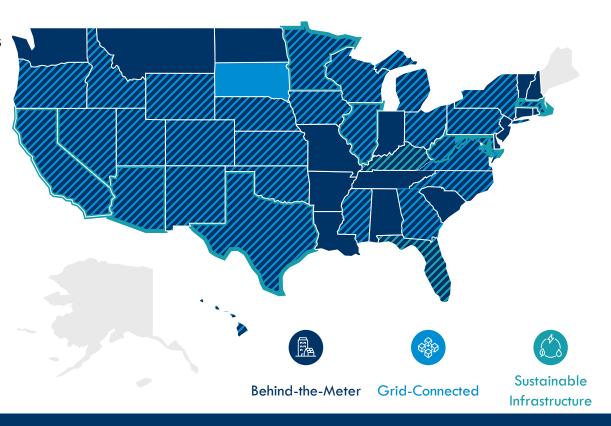
COMPELLING DIVERSITY

Our Managed Assets located across 48 U.S. states¹ support:

>290 Energy Efficiency Investments

>15.9 GW of Renewables

- 7.8 GW of Wind and Solar Land
- 4.1 GW of Wind
- 2.5 GW of Distributed Solar
- 1.6 GW of Grid-Connected Solar



With assets across the U.S., our Managed Assets benefit from significant technological, geographic, and resource diversity



PORTFOLIO GROWS 28% (YOY) AND CONTINUES TO PERFORM

Markets¹



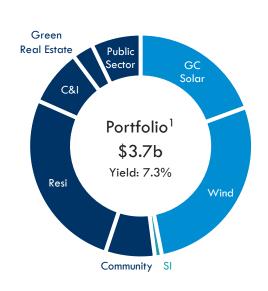
Behind-the-Meter Yield: 7.7%



Grid-Connected
Yield: 6.9%



Sustainable Infrastructure² Yield: 7.0%



	Portfolio (%) ⁴	Structural Seniority
Wind	27%	Preferred
Residential	26%	Preferred
GC Solar	19%	Super Senior or Preferred
C&I	8%	Senior or Preferred
Public Sector	7%	Senior or Preferred
Community	7%	Typically Preferred
Green Real Estate	3%	Super Senior or Subordinated Debt
Sustainable Infrastructure	1%	Senior

Diversified and Long-Dated Cashflows

>320
Total Investments³

\$12m Average Investment³ 18 yrs



¹⁾ GAAP-based Portfolio, as of 3/31/22; see Appendix for an explanation of Portfolio Yield.

²⁾ Includes all other asset classes that are not specifically designated as BTM or GC

⁾ Individual investments with outstanding balances > \$1m; GAAP-based Portfolio, as of 3/31/22

Total may not sum due to rounding

RECENT AND EXPECTED PORTFOLIO GROWTH

Portfolio: +5% (QOQ)

Line Item	(\$m) ¹
Beginning Portfolio (12/31/2021)	\$3, 580
Funding of this quarter's investments	89
Funding of prior investments	74
Principal collections	
Syndications and Securitizations ²	(5)
Other	46
Ending Portfolio (3/31/22)	\$3 <i>,</i> 750

Anticipated Funding Schedule³

Period	Closed Transactions
2022 (Remaining)	>\$250m
FY23	>\$425m
Total	>\$675m

Portfolio growth through 2023 in part driven by previously closed investments³



Includes only securitizations of assets on the balance sheet as of the end of the previous quarter (12/31/21)



³⁾ Anticipated funding schedule for closed transactions subject to completion milestones

MANAGED ASSETS AND PORTFOLIO BREAKDOWN



Managed Assets (% of Total)	Asset Class	Portfolio (% of Total)
55%	Public Sector	7%
13%	GC Solar	19%
11%	Residential	26%
11%	Wind	27%
5%	C&I	8%
3%	Community	7%
2%	Green Real Estate ²	3%
<1%	Sustainable Infrastructure ³	1%
	Assets (% of Total) 55% 13% 11% 5% 3% 2%	Assets (% of Total) 55% Public Sector 13% GC Solar 11% Residential 11% Wind 5% C&I 3% Community 2% Green Real Estate ² Sustainable



Managed Assets continue to be dominated by BTM Public Sector Portfolio diversity remains strong



Includes Freddie Mac and C-PACE investments



³⁾ Includes all other asset classes that are not specifically designated as BTM or GC

STRONG PORTFOLIO WITH POSITIVE CREDIT ATTRIBUTES

Recent Portfolio Performance

Rating	Description	Performance Metric
1	Performing ¹	99%
2	Slightly below metrics ²	1%
3	Significantly below metrics ³	~0%

Outstanding Credit History

De minimis <20 bps cumulative credit losses since 2012⁴

Positive Credit Attributes

Asset Class	Portfolio (%) ⁶	Structural Seniority	Obligor Credit
Wind	27%	Preferred	Typically IG corporates or utilities
Residential	26%	Preferred	>239k consumers WAVG FICO: "Very Good" ⁵
GC Solar	19%	Super Senior or Preferred	Typically IG corporates or utilities
C&I	8%	Senior or Preferred	Typically IG corporates
Public Sector	7%	Senior or Preferred	Predominantly IG govt or quasi-govt entities
Community	7%	Typically Preferred	Typically creditworthy consumers and/or IG corporates
Green Real Estate	3%	Super Senior or Subordinated Debt	Real-estate secured
Sustainable Infrastructure	1%	Senior	Predominantly IG govt entities

¹⁾ This category includes our assets where based on our credit criteria and performance to date we believe that our risk of not receiving our invested capital remains low.



²⁾ This category includes our assets where based on our credit criteria and performance to date we believe there is a moderate level of risk to not receiving some or all of our invested capital.

This category includes our assets where based on our credit criteria and performance to date, we believe there is substantial doubt regarding our ability to recover some or all of our invested capital. Included in this category are two commercial receivables with a combined total carrying value of approximately \$8 million as of 3/31/22 which we have held on non-accrual status since 2017. We have recorded an allowance for the entire asset amounts. We expect to continue to pursue our legal claims with regards to these assets.

Calculation represents credit losses as a percentage of cumulative originations, excluding equity method investments.

As of Q1 2022; located across 21 states and the District of Columbia; qualitative FICO Rating corresponds to average FICO Score range for consumer obligors (as of lease origination dates).

Total may not sum due to rounding



DURABLE CAPITAL STRUCTURE



DURABLE AND FLEXIBLE FUNDING PLATFORM

Issued Carbon Count-Based Exchangeable Notes in April

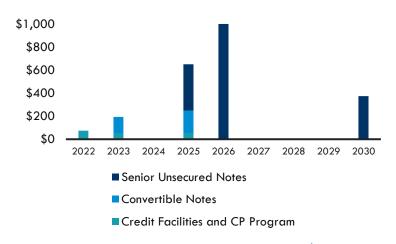
- Raised \$200m by issuing high premium, exchangeable notes in April 2022
- The notes have a 0% coupon, 32.5% initial exchange premium, and 3.25% per annum principal accretion at redemption if equity conversion does not occur
- Matures in 2025

Conservative Leverage and Ample Liquidity

- Raised \$50m of equity in 1Q 2022
- 1.6x debt to equity²
- Rating of BB+ by S&P and Fitch
- 96% of debt is fixed rate
- No material maturity until 2025³



Recourse Debt Maturities (\$m)¹



¹⁾ As of 3/31/22 pro forma for closing of CarbonCount-based exchangeable notes in 2Q22



²⁾ Below previously communicated target limit of less than 2.5x

Our convertible notes, which mature in 2023 and 2025, may be settled in shares, so this does not necessarily reflect a cash need



INDUSTRY LEADING ESG



RECENT ESG ACTIVITY

E Environmental

Advanced effort to improve CarbonCount methodology and promote as sustainability KPI across industries

Named to Fast Company's Annual List of the World's Most Innovative Companies for 2022

S Social

Advanced HA Foundation Climate Justice Initiatives with the Southface GoodUse Program, SEI Climate Corps Program, Groundswell's Baltimore Resilience Hubs, Rumie's Fix The Rules Campaign

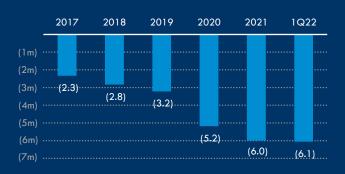
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Governance

Released 2021 Impact Report and Proxy

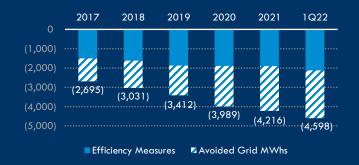


Cumulative Metric Tons of CO₂ Avoided Annually





Cumulative Gallons of Water Saved Annually (million gallons)





2)

CARBONCOUNT®: TRANSPARENT, COMPARABLE, ACCOUNTABLE

CarbonCount® is a proprietary scoring tool for evaluating investments in U.S. based renewable energy, energy efficiency, and climate resilience projects to determine the efficiency by which each dollar of invested capital reduces annual carbon dioxide equivalent (CO2e) emissions

Annual Hourly MWh Generation Avoided by Underlying Renewable Energy and/or Efficiency Project(s) Location Specific Hourly Grid
Emissions Factor Metric Tons of CO₂
/ MWh

carboncount®

Metric Tons of CO₂ Offset Annually per \$1,000 invested

Total Capital Cost of the Projects

X

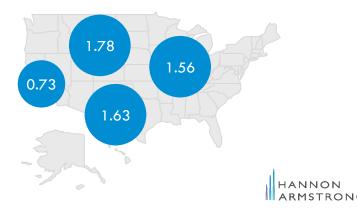
Indicative CarbonCount® by Technology Type

Impact of capacity factor and cost per MW



Indicative CarbonCount® for an Identical Sample Wind Project in Different Regions

Impact of grid fuel mix



GREEN DEBT ISSUANCES

Sustainable Yield Bonds
Off Balance Sheet

Securitizations typically of public sector receivables and managed off balance sheet

Sustainable Yield Bonds
On Balance Sheet

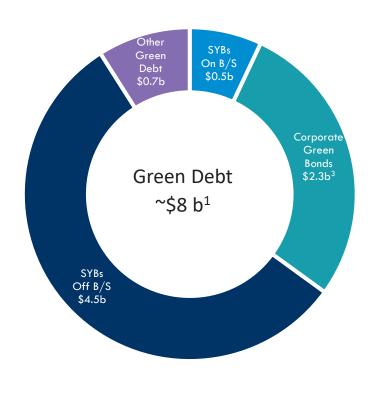
Non-recourse, asset-backed debt managed on balance sheet

Corporate Green Bonds

Senior unsecured or convertible bonds issued as corporate obligations

Other Green Debt

Senior unsecured syndicate revolving line of credit²



Since 2013, we have raised ~\$8 b of green debt, including securitizations and non-recourse and corporate issuances



¹⁾ From 2013 IPO through 3/31/22, including \$200m of 0% CarbonCount-based exchangeable that closed in April 2022

²⁾ Represents total commitments of our Sustainability Linked Unsecured RLOC and Green Carbon Count Commercial Paper Program. As of 3/31/21, our outstanding debt under the Sustainability Linked Unsecured RLOC and Green Carbon Count Commercial Paper Program was \$50m and \$75m, respectively.

³⁾ ICMA's Green Bond Principles applicable to corporate unsecured green bonds and convertible green bonds due 2023 but not necessarily to convertible green bonds due 2022



STRONG COMPETITIVE POSITIONING



COMPETITIVE ADVANTAGES



Deep Programmatic Relationships

Long-term zippered relationships built on shared values, established trust, and absence of competition tension



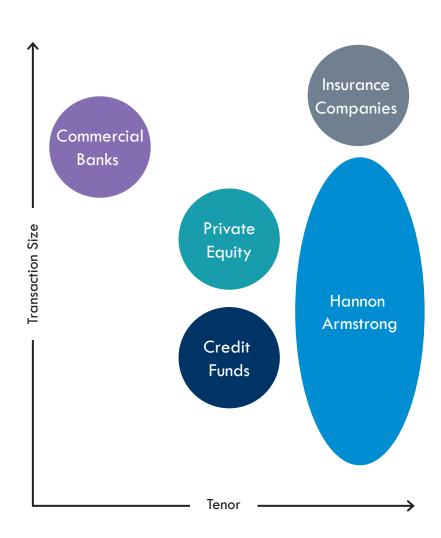
Flexible Capital Solutions

Bespoke products specifically tailored to address client needs



Permanent Capital

Supports long duration transactions – both small and large – and the embedding of solutions across client business units





COMPETITIVE POSITIONING

HASI's diverse portfolio provides competitive dividend protection with a total return growth track record that exceeds that of other yield sectors

	Hannon Armstrong	REITs ¹	YieldCos ²
Cashflow Seniority	Typically senior	Typically levered	Typically levered
Portfolio Diversification	>320 investments diversified by geography, technology, and offtaker	Typically exposed to single asset class	Typically less than 100 large projects
Asset Liability Management	rate debt	Often cyclical assets funded by short-term borrowing	Primarily long-term, fixed-rate assets funded by long-term, fixed- rate debt
ESG Impact	Industry-Leading	Varies	Varies
Total Average Annual Shareholder Return ³	22%	10%	10%





Global X Renewable Energy Producers ETF



Over five years (as of 3/31/22)

Indicative (as of 5/10/22)

STRONG RESULTS AND WELL-POSITIONED FOR THE FUTURE

Demonstrated Growth in a
Variety of Macro Environments

- Distributable EPS: +21% (YOY)
- Distributable NII: +41% (YOY)

Best-in-Class ESG Drives
Strong Employee Retention

- Improves operating leverage
- Enhances ability to continually solve client problems

Growing Pipeline and Strong Industry Drivers

- Pipeline >\$4b in diverse markets with strong clients
- Clean energy is the primary solution to address both national energy security and climate change



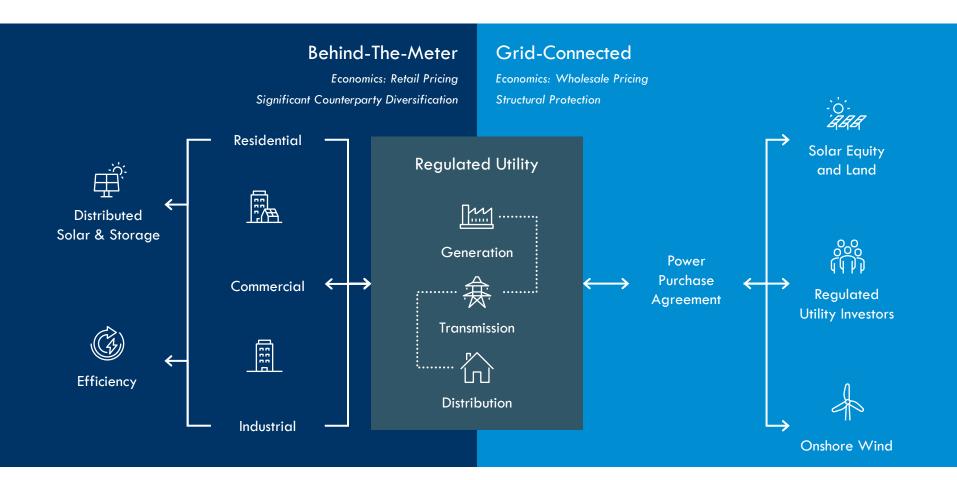


APPENDIX

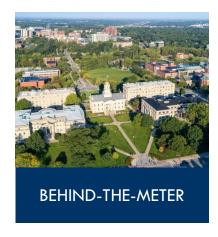


WHERE WE INVEST

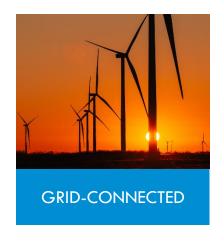
We invest strategically in both behind-the-meter and grid-connected assets to generate superior risk-adjusted returns



ILLUSTRATIVE INVESTMENTS









Public-Private Partnership

>\$100 million

Preferred equity investment in a P3 with the University of lowa to operate, maintain, and upgrade university energy and water utilities in support of low carbon campus sustainability objectives

Clients: Public entities; publicly traded energy service companies

C&I Solar

<\$50 million

Equity investment in a distributed portfolio of $\sim\!200$ C&I projects, including high credit quality corporates such as FedEx and Target

Clients: Solar sponsors

Utility-Scale Wind & Solar

>\$500 million

Equity investment (with preferred cash flow position) in a 2.3 GW portfolio, including high credit quality corporate and utility off-takers such as Amazon, Walmart, and Xcel Energy

Clients: Wind and solar sponsors

Stormwater Remediation

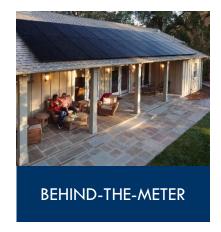
<\$10 million

Four separate projects to slow pollution runoff into downstream waterways across the Chesapeake Bay region

Clients: Environmental development firms

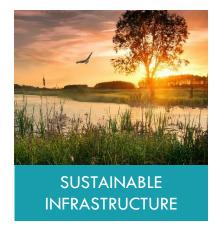


ILLUSTRATIVE INVESTMENTS









Residential Solar

<\$30 million

Portfolio of high credit quality residential leases diversified across geographic and power markets

Green Real Estate

<\$20 million

Joint venture to acquire securitized housing loans that incentivize energy and water efficiency investments

Utility-Scale Solar Land

>\$100 million

Acquisition of 4,000 acres of land and lease streams underlying dozens of utility-scale solar projects with a capacity of nearly 700 MW

Ecological Restoration

<\$20 million

Investments in mitigation credits for wetland and stream restoration projects across four states

Clients: Residential solar providers

Clients: Government-sponsored enterprises

Clients: Utilities; solar sponsors

Clients: Environmental development firms



EVOLUTION AS A PUBLIC COMPANY

IPO

First Sustainable Yield[®] Bond (SYB) issued for efficiency assets

2013

Significant microgrid investment (Parris Island Marine Base)

Managed Assets: \$4.7b

First U.S. company to commit to TCFD¹

2016 - 2017

Issued >\$900m in unsecured and convertible green bonds

Closed \$1.9b of transactions, expanding programmatic relationships with industry-leading clients

Managed Assets: \$7.2b

2020

2014 - 2015

Issued first sustainability report card
Significant utility-scale wind and solar
land, and preferred equity
investments

Launched CarbonCount® scoring tool

2018 - 2019

Received inaugural corporate debt rating of BB+ from S&P and Fitch Issued \$500m in inaugural unsecured green bonds

First investments in energy managementas-a-service and community solar 2021

Issued \$1b of green bonds at 3.375% Established \$400m CarbonCountbased unsecured revolving credit facility

Launched first CarbonCount-based Commercial Paper program in the U.S.

Managed Assets: \$8.8b

Over the last nine years, we have enhanced our access to the capital markets and expanded into new, growing asset classes to drive growth in Managed Assets



RESIDENTIAL SOLAR PORTFOLIO: POSITIVE CREDIT ATTRIBUTES

Customer

- Priority Payment: Monthly electricity bill savings typically range from 5% and 30%1
- Affordable: Average monthly payments typically less than \$150 and paid via ACH2
- Creditworthy: Higher than average FICO scores
- Transferrable: UCC fixture filing typically results in lease transfers or buyouts as part of home sale

FICO Score	HASI Portfolio ³	United States ⁴
WAVG	748	703
>720	66%	45%
>660	96%	80%

Portfolio

• Diversity: >229k consumers across 21 states⁵ originated by reputable publicly traded providers

Capital Structure

- Preferred Position: Structured mezzanine or preferred equity investments
 - Subordinated to investment grade debt and tax equity
 - Senior to first-loss common equity held by providers who are motivated to hit target returns
- Multiple Sophisticated Investors: Large institutional investors also underwrite these portfolios
 - Along with rating agencies, require bankruptcy remote entities and backup servicing and transition plans

Internal Rigorous Underwriting and Management

- Advance Rates: Reflects expected portfolio default rates based on rating agency analysis and internal stress tests
- Portfolio Management: Sophisticated internal capabilities and detailed monthly review

Illustrative Capital Stack



Relative to comparable utility rates as of each investment's financial close date

Automated clearing house ("ACH)

Consists of a total of >229k leases, which represent the funded amounts of Portfolio as of 1Q 2022. FICO scores for the unfunded portion are not yet determined but are required to meet a certain threshold.

In our SunStrong Joint Venture with SunPower, we also hold a stake in the common equity tranche

GREEN BOND FRAMEWORK

In alignment with ICMA's Green Bond Principles (2018)

Definition of "Eligible Green Projects" "Eligible Green Projects" means projects intended to reduce carbon emissions or provide other environmental benefits in the following categories:

- Behind-the-Meter ("BTM"): Distributed building or facility projects that reduce energy usage or cost through
 the use of solar generation and energy storage or energy efficient improvements, including heating,
 ventilation and air conditioning systems ("HVAC"), lighting, energy controls, roofs, windows, building shells,
 and/or combined heat and power systems
- 2. Grid-Connected ("GC"): Projects that deploy cleaner energy sources, such as solar and wind to generate power where the off-taker or counterparty is part of the wholesale electric power grid; and
- 3. Sustainable Infrastructure: Upgraded transmission or distribution systems, water and storm water infrastructure, seismic retrofits and other projects, that improve water or energy efficiency, increase resiliency, positively impact the environment or more efficiently use natural resources.
- Process for Project
 Evaluation and
 Selection

As part of our investment process, we intend to calculate the ratio of the estimated first year of metric tons of carbon emissions avoided (or that will be avoided) by the investment divided by the capital to be invested to understand the impact the investment is expected to have on climate change.

Management of Proceeds of the Notes

We intend to utilize the net proceeds of this offering to acquire or refinance, in whole or in part, Eligible Green Projects. Eligible Green Projects may include projects with disbursements made during the twelve months preceding the issue date of the Notes and projects with disbursements to be made following the issue date. Prior to the full investment of such net proceeds, we intend to invest such net proceeds in interest-bearing accounts and short-term, interest-bearing securities which are consistent with our intention to qualify for taxation as a REIT

4 Reporting

During the term of the Notes, until such time as the net proceeds from this offering have been fully allocated to Eligible Green Projects, we will publish annual updates on our website detailing, at a minimum, the allocation of the net proceeds from this offering to specific Eligible Green Projects along with the associated CarbonCount®.



SUPPLEMENTAL FINANCIAL DATA

Explanatory Notes

Distributable Earnings and Earnings on Equity Method Investments

We calculate distributable earnings as GAAP net income (loss) excluding non-cash equity compensation expense, provisions for loss on receivables, amortization of intangibles, non-cash provision (benefit) for taxes, gains or (losses) from modification or extinguishment of debt facilities, any one-time acquisition related costs or non-cash tax charges and the earnings attributable to our non-controlling interest of our Operating Partnership. We also make an adjustment to our equity method investments in the renewable energy projects as described below. Judgment will be utilized in determining when we will reflect the losses on receivables in our distributable earnings. In making this determination, we will consider certain circumstances such as, the time period in default, sufficiency of collateral as well as the outcomes of any related litigation. In the future, distributable earnings may also exclude one-time events pursuant to changes in GAAP and certain other adjustments as approved by a majority of our independent directors.

Certain of our equity method investments in renewable energy and energy efficiency projects are structured using typical partnership "flip" structures where the investors with cash distribution preferences receive a prenegotiated return consisting of priority distributions from the project cash flows, in many cases, along with tax attributes. Once this preferred return is achieved, the partnership "flips" and the common equity investor, often the operator or sponsor of the project, receives more of the cash flows through its equity interests while the previously preferred investors retain an ongoing residual interest. We have made investments in both the preferred and common equity of these structures. Regardless of the nature of our equity interest, we typically negotiate the purchase prices of our equity investments, which have a finite expected life, based on our assessment of the expected cash flows we will receive from these projects discounted back to the net present value, based on a target investment rate, with the expected cash flows to be received in the future reflecting both a return on the capital (at the investment rate) and a return of the capital we have committed to the project. We use a similar approach in the underwriting of our receivables.

Under GAAP, we account for these equity method investments utilizing the HLBV method. Under this method, we recognize income or loss based on the change in the amount each partner would receive, typically based on the negotiated profit and loss allocation, if the assets were liquidated at book value, after adjusting for any distributions or contributions made during such quarter. The HLBV allocations of income or loss may be impacted by the receipt of tax attributes, as tax equity investors are allocated losses in proportion to the tax benefits received, while the sponsors of the project are allocated gains of a similar amount. In addition, the agreed upon allocations of the project's cash flows may differ materially from the profit and loss allocation used for the HLBV calculations.

The cash distributions for those equity method investments where we apply HLBV are segregated into a return on and return of capital on our cash flow statement based on the cumulative income (loss) that has been allocated using the HLBV method. However, as a result of the application of the application of the HLBV method, including the impact of tax allocations, the high levels of depreciation and other non-cash expenses that are common to renewable energy projects and the differences between the agreed upon profit and loss and the cash flow allocations, the distributions and thus the economic returns (i.e. return on capital) achieved from the investment are often significantly different from the income or loss that is allocated to us under the HLBV method. Thus, in calculating Distributable Earnings, for certain of these investments where there are characteristics as described above, we further adjust GAAP net income (loss) to take into account our calculation of the return on capital (based upon the investment rate) from our renewable energy equity method investments, as adjusted to reflect the performance of the project and the cash distributed. We believe this equity method investment adjustment to our GAAP net income (loss) in calculating our Distributable Earnings measure is an important supplement to the HLBV income allocations determined under GAAP for an investor to understand the economic performance of these investments where HLBV income can differ substantially from the economic returns.

We believe a non-GAAP measure, such as Distributable Earnings, that adjusts for the items discussed above is and has been a meaningful indicator of our economic performance and is useful to our investors as well as management in evaluating our performance as it relates to expected dividend payments over time. As a REIT, we are required to distribute substantially all of our taxable income to investors in the form of dividends, which is a principal focus of our investors. Additionally, we believe that our investors also use Distributable Earnings, or a comparable supplemental performance measure, to evaluate and compare our performance to that of our peers, and as such, we believe that the disclosure of Distributable Earnings is useful to our investors.

However, Distributable Earnings does not represent cash generated from operating activities in accordance with GAAP and should not be considered as an alternative to net income (determined in accordance with GAAP), or an indication of our cash flow from operating activities (determined in accordance with GAAP), or a measure of our liquidity, or an indication of funds available to fund our cash needs, including our ability to make cash distributions. In addition, our methodology for calculating Distributable Earnings may differ from the methodologies employed by other companies to calculate the same or similar supplemental performance measures, and accordingly, our reported Distributable Earnings may not be comparable to similar metrics reported by other companies.



SUPPLEMENTAL FINANCIAL DATA

Explanatory Notes

Managed Assets

As we both consolidate assets on our balance sheet and securitize assets off-balance sheet, certain of our receivables and other assets are not reflected on our balance sheet where we may have a residual interest in the performance of the investment, such as servicing rights or a retained interest in cash flows. Thus, we present our investments on a non-GAAP "Managed Assets" basis, which assumes that securitized receivables are not sold. We believe that our Managed Asset information is useful to investors because it portrays the amount of both on- and off-balance sheet receivables that we manage, which enables investors to understand and evaluate the credit performance associated with our portfolio of receivables, investments and residual assets in off-balance sheet securitized receivables. Our non-GAAP Managed Assets measure may not be comparable to similarly titled measures used by other companies.

Distributable Net Investment Income

Distributable Net Investment Income is calculated as GAAP-based Net Investment Income (Interest Income and Rental Income less Interest Expense) as reported within our financial statements prepared in accordance with US GAAP plus Distributable Earnings from our Equity Method Investments when allocating cash distributions between a return on and return of invested capital plus amortization of real estate intangibles. We utilize this measure in operating our business and believe it is useful information for our investors for the reasons discussed in our core earnings measure.

Portfolio Yield

We calculate portfolio yield as the weighted average underwritten yield of the investments in our Portfolio as of the end of the period. Underwritten yield is the rate at which we discount the expected cash flows from the assets in our portfolio to determine our purchase price. In calculating underwritten yield, we make certain assumptions, including the timing and amounts of cash flows generated by our investments, which may differ from actual results, and may update this yield to reflect our most current estimates of project performance. We believe that portfolio yield provides an additional metric to understand certain characteristics of our Portfolio as of a point in time. Our management uses portfolio yield this way and we believe that our investors use it in a similar fashion to evaluate certain characteristics of our portfolio compared to our peers, and as such, we believe that the disclosure of portfolio yield is useful to our investors.

Guidance

We expect that annual Distributable Earnings per share will grow at a compounded annual rate of 10% to 13% from 2021 to 2024, relative to the 2020 baseline of \$1.55 per share, which is equivalent to a 2024 midpoint of 2.40 per share. We also expect growth of annual dividends per share to be at a compounded annual rate of 5% to 8%. This guidance reflects our judgments and estimates of (i) yield on its existing portfolio; (ii) yield on incremental portfolio investments, inclusive of our existing pipeline; (iii) the volume and profitability of securitization transactions; (iv) amount, timing, and costs of debt and equity capital to fund new investments; (v) changes in costs and expenses reflective of our forecasted operations, (vi) the ongoing impact of COVID-19 and the speed and efficacy of vaccine distribution on economic conditions and (vii) the general interest rate and market environment. All guidance is based on current expectations of the ongoing and future impact of COVID-19 and the speed and efficacy of vaccine distribution on economic conditions, the regulatory environment, the dynamics of the markets in which we operate and the judgment of our management team, among other factors. In addition, actual dividend distributions are subject to approval by our Board of Directors on a quarterly basis. We have not provided GAAP guidance as discussed in the Forward-Looking Statements section of the press release.



INCOME STATEMENT

HANNON ARMSTRONG SUSTAINABLE INFRASTRUCTURE CAPITAL, INC. CONDENSED CONSOLIDATED STATEMENTS OF OPERATIONS (DOLLARS IN THOUSANDS, EXCEPT PER SHARE DATA)

		For the Three Months Ended March 31,			
		2022		2021	
Revenue					
Interest income	\$	30,242	\$	25,100	
Rental income		6,499		6,469	
Gain on sale of receivables and investments		17,099		17,490	
Fee income		4,636		2,636	
Total revenue		58,476		51,695	
Expenses					
Interest expense		26,652		27,582	
Provision for loss on receivables		621		505	
Compensation and benefits		14,929		15,210	
General and administrative		7,138		4,884	
Total expenses		49,340		48,181	
Income before equity method investments		9,136		3,514	
Income (loss) from equity method investments		47,566		54,481	
Income (loss) before income taxes		56,702		57,995	
Income tax (expense) benefit		(10,999)		(6,779)	
Net income (loss)	\$	45,703	\$	51,216	
Net income (loss) attributable to non-controlling interest holders		357		192	
Net income (loss) attributable to controlling stockholders	\$	45,346	\$	51,024	
Basic earnings (loss) per common share	\$	0.53	\$	0.65	
Diluted earnings (loss) per common share	\$	0.51	\$	0.61	
Weighted average common shares outstanding—basic	85	5,583,152	7	7,493,021	
Weighted average common shares outstanding—diluted	89	,052,167	86	5,866,581	

BALANCE SHEET

HANNON ARMSTRONG SUSTAINABLE INFRASTRUCTURE CAPITAL, INC. CONDENSED CONSOLIDATED BALANCE SHEETS (DOLLARS IN THOUSANDS, EXCEPT PER SHARE DATA)

	March 31, 2022	December 31, 2021
Assets		
Cash and cash equivalents	\$ 133,323	\$ 226,204
Equity method investments	1,871,168	1,759,651
Commercial receivables, net of allowance of \$37 million and \$36 million, respectively	1,320,507	1,298,529
Government receivables	116,183	125,409
Receivables held-for-sale	65,749	22,214
Real estate	359,867	356,088
Investments	16,501	17,697
Securitization assets	192,178	210,354
Other assets	146,253	132,165
Total Assets	\$ 4,221,729	\$ 4,148,311
Liabilities and Stockholders' Equity		
Liabilities:		
Accounts payable, accrued expenses and other	\$ 90,895	\$ 88,866
Credit facilities	100,464	100,473
Green commercial paper notes	75,172	50,094
Non-recourse debt (secured by assets of \$567 million and \$573 million, respectively)	424,441	429,869
Senior unsecured notes	1,774,900	1,762,763
Convertible notes	141,863	149,731
Total Liabilities	2,607,735	2,581,796
Stockholders' Equity:		
Preferred stock, par value \$0.01 per share, 50,000,000 shares authorized, no shares issued and outstanding	_	_
Common stock, par value \$0.01 per share, 450,000,000 shares authorized, 86,719,735 and 85,326,781 shares issued and outstanding, respectively	867	853
Additional paid in capital	1,783,938	1,727,667
Accumulated deficit	(181,282)	(193,706)
Accumulated other comprehensive income (loss)	(12,341)	9,904
Non-controlling interest	22,812	21,797
Total Stockholders' Equity	1,613,994	1,566,515
Total Liabilities and Stockholders' Equity	\$ 4,221,729	\$ 4,148,311



RECONCILIATION OF GAAP NET INCOME TO DISTRIBUTABLE EARNINGS

Reconciliation of our GAAP Net Income to Distributable Earnings

We have calculated our distributable earnings and provided a reconciliation of our GAAP net income to distributable earnings for the three months ended March 31, 2022 and 2021 in the tables below.

		three months arch 31, 2022		For the three months ended March 31, 2021				
	(dollars in thousands, except per share amounts)							
	\$	per share		\$	pe	per share		
Net income attributable to controlling stockholders (1)	\$ 45,34	6 \$ 0.5	1 \$	51,024	\$	0.61		
Distributable earnings adjustments:								
Reverse GAAP (income) loss from equity method investments	(47,56	6)		(54,481)				
Add equity method investments earnings	31,59	8		23,837				
Equity-based compensation charges	3,54	0		5,499				
Provision for loss on receivables	62	1		505				
Other adjustments (2)	12,19	5		7,794				
Distributable earnings (3)	\$ 45,73	4 \$ 0.5	2 5	35,677	\$	0.43		

⁽¹⁾ The per share amounts represent GAAP diluted earnings per share and is the most comparable GAAP measure to our distributable earnings per share.

⁽³⁾ Distributable earnings per share for the three months ended March 31, 2022 and 2021, are based on 87,206,540 shares and 82,561,956 shares outstanding, respectively, which represents the weighted average number of fully-diluted shares outstanding including our restricted stock awards, restricted stock units, long-term incentive plan units, and the non-controlling interest in our Operating Partnership. We include any potential common stock issuance in our distributable earnings per share calculation related to our convertible notes using the treasury stock method and any potential common stock issuances related to share based compensation units in the amount we believe is reasonably certain to vest. To the extent a convertible note is converted during the period, we include its dilution using the treasury stock method until the date of conversion, after which we include the shares issued upon conversion. We believe the use of the treasury stock method is an appropriate representation of the potential dilution when considering the economic behaviors of the holders of the instrument.



⁽²⁾ See Other adjustments table below.

RECONCILIATION OF GAAP-BASED NII TO DISTRIBUTABLE NII

	Th	Three months ended March 31,			
		2022		2021	
		(in tho	ousands)		
Interest income	\$	30,242	\$	25,100	
Rental income		6,499		6,469	
GAAP-based investment revenue		36,741		31,569	
Interest expense		26,652		27,582	
GAAP-based net investment income		10,089		3,987	
Equity method earnings adjustment (1)		31,598		23,837	
(Gain) loss on debt modification or extinguishment (2)		_		1,499	
Amortization of real estate intangibles (3)		771		772	
Distributable net investment income	\$	42,458	\$	30,095	

⁽¹⁾ Reflects adjustment for equity method investments described above.



⁽²⁾ Adds back losses related to debt prepayments included in interest expense in our income statement.

⁽³⁾ Adds back non-cash amortization related to acquired real estate leases.

ADDITIONAL GAAP TO NON-GAAP RECONCILIATIONS

The table below provides a reconciliation of the Other adjustments:

	F	For the Three Months Ended March 31,			
	2022			2021	
		(in tho	usand	(s)	
Other adjustments					
Amortization of intangibles (1)	\$	839	\$	823	
Non-cash provision (benefit) for income taxes		10,999		6,779	
Net income attributable to non-controlling interest		357		192	
Other adjustments	\$	12,195	\$	7,794	

⁽¹⁾ Adds back non-cash amortization of lease and pre-IPO intangibles.

The table below provides a reconciliation of GAAP SG&A expenses to Distributable SG&A expenses:

	For the Three Months Ended March 31,			
		2022		2021
		(in tho	nusands)	
GAAP SG&A expenses				
Compensation and benefits	\$	14,929	\$	15,210
General and administrative		7,138		4,884
Total SG&A expenses (GAAP)	\$	22,067	\$	20,094
Distributable SG&A expenses adjustments:				
Non-cash equity-based compensation charge (1)	\$	(3,540)	\$	(5,499)
Amortization of intangibles (2)		(68)		(51)
Distributable SG&A expenses adjustments		(3,608)		(5,550)
Distributable SG&A expenses	\$	18,459	\$	14,544

⁽¹⁾ Reflects add back of non-cash amortization of equity-based compensation. Outstanding grants related to equity-based compensation are included in the distributable earnings per share calculation.



⁽²⁾ Adds back non-cash amortization of pre-IPO intangibles.

ADDITIONAL GAAP TO NON-GAAP RECONCILIATIONS

		As of			
	Ma	March 31, 2022		aber 31, 2021	
		(dollars in millio			
Equity method investments	\$	1,871	\$	1,760	
Commercial receivables, net of allowance		1,321		1,299	
Government receivables		116		125	
Receivables held-for-sale		66		22	
Real estate		360		356	
Investments		16		18	
GAAP-Based Portfolio		3,750		3,580	
Assets held in securitization trusts		5,286		5,199	
Managed assets	\$	9,036	\$	8,779	





INVESTING CLIMATE SOLUTIONS







