



Infrastructure Has an Edge as a Long-Term Income Solution

31 March 2022

With government bond yields low and in many cases delivering negative real yields, investors have had to look to additional asset classes to meet their income needs. A popular income solution for many is global listed infrastructure. The asset class has a long-term track record of consistently delivering attractive yield and offers a growing income stream linked to the asset base of the companies rather than the business cycle. It also provides portfolio diversification benefits, such as lower correlation to equities.

By investing in infrastructure, one invests in the companies that own and operate the physical assets that provide many essential services to society. These are services we use and interact with every single day. For instance, we use gas, water and electricity to carry out our daily activities. We also use transportation infrastructure, such as rail and roads, to get around and communication infrastructure, such as cellular towers, to connect with each other.

Broadly, infrastructure can be categorised into two key buckets: regulated assets and user-pays assets.

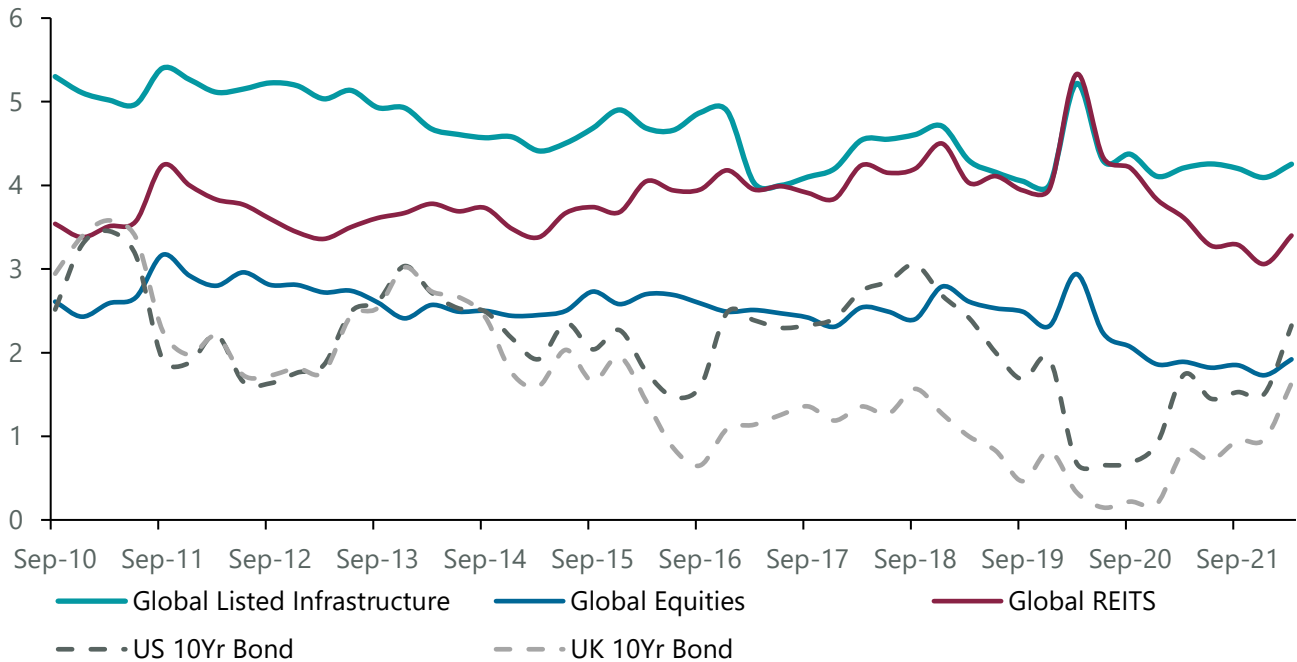
With regulated assets, such as water, electricity and gas transmission and distribution, the regulator determines the revenues that a company should earn on their assets. If an asset earns too much, the company is required to return some of its revenues to its customers by lowering prices. Conversely, if the asset earns too little, the company is allowed to increase its prices. Because demand for these assets is steady and the regulator determines revenue, companies owning and operating regulated assets show a relatively stable cash flow profile over time. Additionally, the regulator periodically accounts for inflation and bond yields, which means price increases are often linked to inflation, and long-term valuations are relatively immune to changes in bond yields.

With user-pays assets, pricing is generally set by contracts, where volume and revenue is determined by how many people use the assets. User-pays assets are usually physical assets, such as rail, airports, roads and telecommunications towers, which move people, goods and services throughout an economy. As an economy grows, develops and prospers, demand for these assets also typically grows. For instance, as more people use, and to some degree, depend on mobile phone data, we see mobile communications operators adding additional capacity to the physical towers to meet this demand.

Infrastructure companies can therefore provide predictable income distributions due to stable earnings derived from underlying assets. For investors, this offers excellent visibility for revenues and dividends.

The following chart illustrates that global infrastructure has delivered to investors a significantly higher yield than global equities and global bonds and, over most time frames, a yield greater than global listed property.

Exhibit 1: The Dividend Yield of Infrastructure is at a Premium to Most Asset Classes



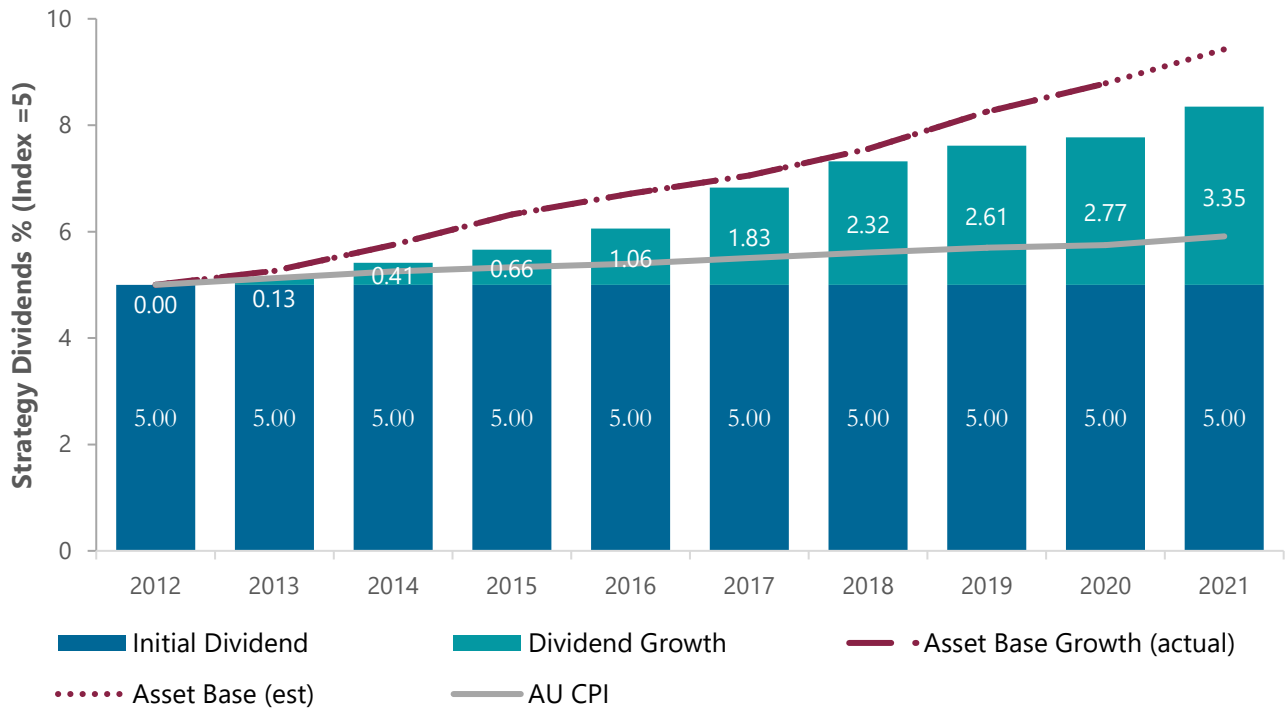
As of 31 March 2022.
 Global Listed Infrastructure: ClearBridge Investments Income Universe, monthly since June 2010. Global Equities: MSCI World Forward Dividend Yield, MXWO Bloomberg, Global REITS: FTSE EPRA/NAREIT Forward Dividend Yield - FENHG Index, Bloomberg, US Benchmark Bond 10 year – Yield, Factset Research Systems, United Kingdom Benchmark Bond 10 Year - Yield, Factset Research Systems, Opinions expressed are subject to change without notice and do not consider the particular investment objectives, financial situations or needs of investors. Past performance is not indicative of future performance.

In this current environment, investors have had to look beyond traditional sources of income. While both global equities and REITs can provide attractive yields relative to bonds, both have revenues and, ultimately, dividends closely linked to economic activity. In this way, infrastructure has an edge as a long-term income solution, as revenues are generally linked to the asset base of these companies.

As a result, it is necessary to understand the quality of an infrastructure company’s assets and a detailed assessment of the regulation or contracts governing them. This is what delivers stable cash flows and greater capital stability.

As demonstrated in the chart below, dividend growth for infrastructure companies has closely tracked the growth in the asset base of these companies.

Exhibit 2: Infrastructure Dividends Linked to a Growing Asset Base



*OECD estimates used for this calculation.

Source: ClearBridge calculations as of 31 December 2021 ClearBridge Infrastructure Income Strategy. Past performance is not indicative of future performance.

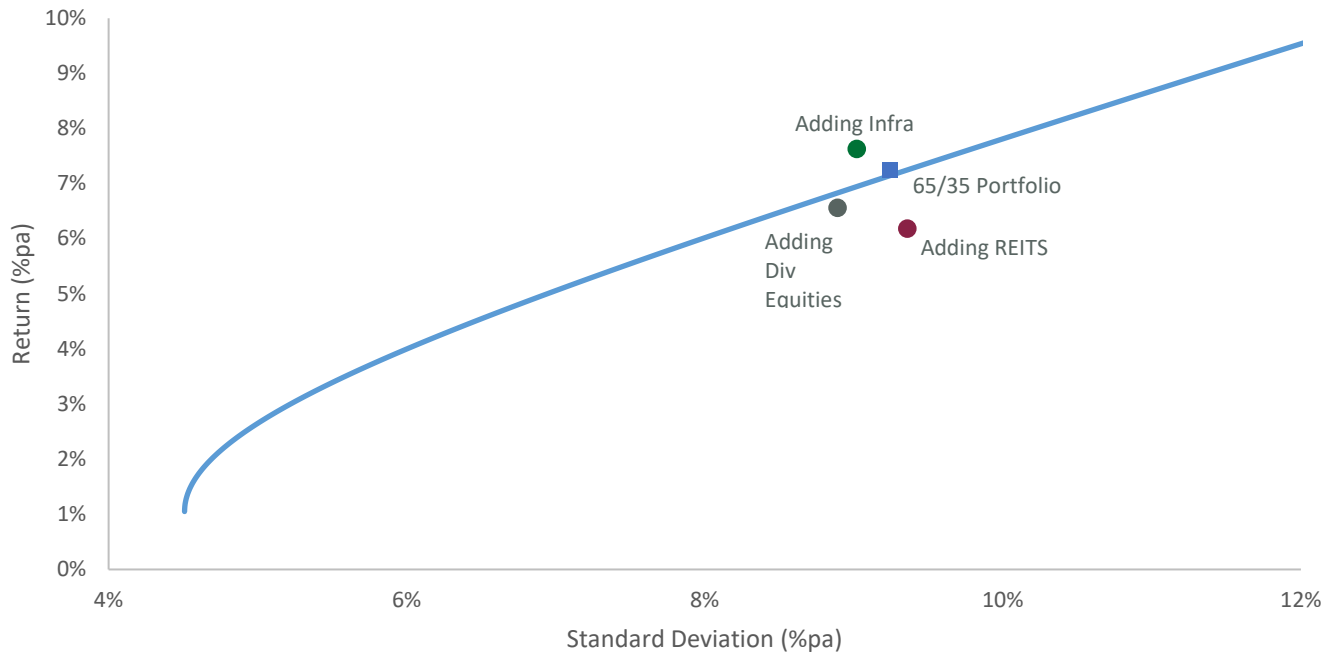
Many investors believe that they already have exposure to infrastructure as a part of their traditional global equity portfolio. While this is true to an extent, a global equities portfolio will generally only provide a small exposure to a handful of large-cap utility companies.

A dedicated listed infrastructure allocation provides not only reliable and growing income but also diversification across infrastructure sub-industries as well as political and regulatory regimes, where risks differ. It also offers the ability to invest across the market cap spectrum where specialist sector knowledge can be applied.

In addition to attractive income, infrastructure can also strengthen overall portfolio outcomes.

To illustrate this point, below is an efficient frontier created by different combinations of global equity and global fixed income over the 10 years to 31 March 2022, with a traditional 65% global equities and 35% fixed income portfolio shown as blue square in Exhibit 3.

Exhibit 3: Efficient Frontier



Source: ClearBridge, eVestment. Monthly returns in USD for the period 1 April 2012 to 31 March 2022. Portfolio rebalanced annually. Indices used; Global Bonds: Bloomberg Global Aggregate; Global Equity: MSCI ACWI; Dividend Equity: MSCI ACWI High Dividend; Global Property: FTSE EPRA NAREIT Global. Infrastructure returns use the ClearBridge Global Infrastructure Income Strategy. Past performance is not indicative of future performance. For illustrative purposes only and does not constitute specific investment advice or recommendations on any particular securities or asset classes.

Splitting the global equity allocation between equities and the ClearBridge Global Listed Infrastructure Strategy (shown in green) would shift the efficient frontier, increasing returns while reducing portfolio risk. Conversely, splitting the global equity allocation by adding listed property (purple) or global dividend equity (grey) with the same weights negatively impacted portfolio efficiency.

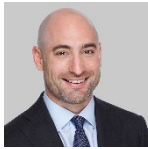
Table 1: Improved Portfolio Characteristics

Measure	65E/35B	Adding Infrastructure	Adding Dividend Equity	Adding Property
Annualised return (p.a.)	7.24%	7.63%	6.56	6.18%
Standard Deviation	9.24%	9.02%	8.89%	9.36%
Sharpe Ratio	0.72	0.78	0.67	0.60

Furthermore, infrastructure is in a multi-decade secular growth cycle where the assets will play a pivotal role in the path to net-zero emissions. Trillions of investment dollars need to be made over the coming decades, which will underpin the allowed returns, and ultimately dividends. This will likely drive the asset base growth of these companies and provide a tailwind for infrastructure investors seeking income and the potential for capital appreciation.

Specialist listed infrastructure managers have a sustainable competitive advantage as their focus on long-term outcomes and appropriate returns for the capital providers is aligned with the long-term nature of regulation and contractual structures. Conversely, most general market participants tend to value companies over a shorter period and as such are more likely to misprice the asset.

Investors who seek to improve the risk vs return outcomes of their traditional equity and bond portfolio while receiving stable and growing income in a secular growth environment should question the proportion of their portfolio, they have allocated to global listed infrastructure strategies.



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