



Future
of Energy

Future of Energy & Private Capital

The global shift in energy generation, supply, and demand entails technological, economic, and social changes to create a sustainable and reliable energy system. This involves modifying energy production, consumption, and infrastructure to reduce emissions, enhance efficiency, and improve security, while recalibrating the energy mix balance of fossil and non-fossil fuels.

Resources

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The transformation of the global energy sector is changing the investment landscape

Governments worldwide are enacting stricter environmental regulations and standards aimed at reducing carbon emissions and promoting sustainable energy practices.

For the private capital sector, this means adapting to changing regulations that can impact investment strategies and financial performance. Early adoption of regulations and investment in efficiency technologies can also lead to competitive advantages and reduced regulatory risks.

While traditional energy investments face increased volatility and potential devaluation as regulatory landscapes evolve, investors are taking a diversified approach to their portfolio, leveraging both traditional and renewable energy sectors, to optimize investment strategies and to support the energy transition.

Emerging opportunities for investment include:

- an expanding market for renewable energy projects like solar, wind, and hydro, offer sustainable returns and long-term growth.
- green technology startups and energy efficiency innovations provide fresh avenues for investment, driven by rising demand for sustainable solutions.
- new financial instruments such as green bonds and sustainability-linked loans are gaining traction, providing diverse investment options.

Navigating risks and opportunities

The energy transition introduces risks like stranded assets, technology integration challenges, and climate-related physical threats.

Private capital must balance portfolios, innovate financing models, and engage in sustainable practices to satisfy investors and thrive in this evolving energy landscape.

How we can help

- We help investors horizon-spot regulatory developments impacting investment strategies across the energy transition. **We have the most comprehensive regulatory team of any global law firm, with team members from DOE, EPA, FERC, DOI, and the DOJ.**
- We advise on evolving transaction norms by utilizing our market position providing cutting edge advice gained from our breadth of experience across the energy transition and private capital lifecycle. **Our team is at the forefront of the changing environment and investment landscape.**
- We help investors enter new markets by leveraging our global experience, learnings and insight from one jurisdiction to another. **We have global experience across renewable fuels, CCS, hydrogen, LNG, and battery technology.**