C LONG HORIZON INVESTING IN A SHORT-TERM WORLD

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• GREAT INFLECTION POINTS: WHAT SHOULD INVESTORS DO?

- Increasingly Playing in a Crowded Sandbox: Chasing less compelling valuations as Alternative allocations increased, straining investment capacity
 - Global Alternative Asset Allocations increased significantly between 2004 2012, now representing up to 25-30% of institutional portfolios in US, Canada, Australia
 - Allocations to private investments provide increased diversification and higher potential return, realizing small-company and illiquidity premiums, but challenges are greater now
 - Yet, erosion of illiquidity premium in unlisted assets requires greater reliance on active management <u>and</u> reducing cost, so reliable sources of excess return more valuable
- Innovation is accelerating by leveraging technology, but allocation of financing capital for private opportunities remains inefficient
 - Direct private investing is ripe for those that are: nimble, flexible, disciplined, creative, long-term oriented, well-resourced, and well-connected
 - Asset Owners enjoy distinct advantages in sourcing compelling direct investment opportunities others cannot exploit easily or at much greater cost
 - Future Themes research helps direct our focus on favorable market tailwinds
- Companies need patient long-term capital to build businesses, commercialize innovative ideas and unusual opportunities
 - Asset owners are distinctly well positioned to play unique role in the real economy





"CANADIAN MODEL" SUCCESS

Success Built on Investment Innovation, Doing Uncomfortable Things

- What was new in the 1990s is now conventional, but capacity has lagged demand
- Private allocations provided excess return with compelling diversification
- Infrastructure, Timberland, Commodities, and Private Equity was underexploited
- Benefits of past innovation eroding overwhelming demand undermined illiquidity premium, so chase has gotten harder, yet still opportunities "between-the-cracks"

Economies of Scale Improves Access vs. Capacity Constraints

- Large sophisticated asset owners can tap into market inefficiencies others can't,
 while Canadian "asset owners" reputation attracts unique private opportunities
- Focus on reducing total cost from insourcing investment management and direct deal sourcing to reducing external management expense
- Scale affords institutionally competitive staffing and affords skills needed for overall complexity – Ability to attract, retain, and nurture top talent increases with AUM
- Unlisted, capacity constrained assets difficult to rebalance, accommodate cash flow
- Outsourcing through Funds should have been cost effective, but expenses still high, capacity remains limited, and co-investing can be disappointing due to adverse selection, thus realizing size and illiquidity risk premium objectives still allusive



NEW DAWN AWAKENING ASSET OWNERS THE RISE OF LONG-TERM INVESTORS

Investment Capital Is Growing Rapidly, Straining Investment Capacity

- With scale, many now operating on commercial basis with longer horizons resulting in better alignment for exploiting unlisted inefficiencies, lower direct costs
- Push into higher private alternative allocations could stall due to reduced illiquidity premium (stretched valuations, deal competition) and high management costs
- Resistance to build institutionally competitive teams has severe adverse and unintended consequences; No room or patience for non-economic agendas

Longer Horizon Expands Opportunities, Increases Potential Return

- Yet, Too Many Playing Not to Loose Doing No Wrong is not Doing Right
- Natural long-term investors need courage to defy short-term behavioral bias and not be limited by uneconomic misguided constraints reducing flexibility
- Short-termism, exaggerated risk aversion, new regulations, artificial constraints,
 and other behavioral biases are significant hurdles impeding exceeding objectives
- Greater passion needed for growing great companies, building projects, exploring unconventional opportunities, all with a focus on a longer time horizon
- Fear of direct/active investing raises cost of capital and lowers return potential;
 Market inefficiencies inversely correlated with investment quality



O NEXT LONG HORIZON EVOLUTION

Extraordinary Results Not Possible by Ordinary Means

- Anticipate new investment opportunities and remain disciplined If a strategy appears comfortable, time to stretch and explore new horizons
- Adopt a well-defined, intuitive investment philosophy driving strategy disciplines
- New approach to sourcing direct investment and co-investment opportunities
- Promote a better understanding of good vs. bad "Leverage" and "Risk"
- Embrace active management and direct investing Don't dismiss efficient liquid strategies and Global TAA to lever active return potential without leveraging risk
- When capacity becomes strained, new Alpha Engines must be developed

Underexploited Edge for Asset Owners Pursuing Innovative Ideas

- Substantial advantage in long horizon investing underutilized because it is difficult
- Still many opportunities overlooked "between-the-cracks" of traditional investments
- Opportunities created by financial regulation, inefficiencies, distress, lack of creativity
- Efficient access to long-term capital needed to accelerate and exploit Innovation,
 thus better/more efficient and flexible capital financing structures must be developed
- Explore and understand impact of Secular and Future Themes even if a guide





EASIER TO DO THE COMFORTABLE THING



What is the difference between a bleak and a bright future?

- Rapid innovation has fundamentally lifted our living standards
- Its persistence lies in entrepreneurship and free market incentives
- Potential economic growth of 2-3% is normal return to risk capital rewarded incentivizing research, development, innovation
- Asset owners are well positioned to play a distinctly unique role providing adaptive long-term capital at critical stages
- Just because its hard doesn't mean we shouldn't try somebody else's New Normal doesn't have to be our destiny



Investment Opportunity

The future may be better than you think – wide range of opportunities to be exploited

- Longer horizon increases opportunities between-the-cracks and potential return
- Need courage to defy short-term behavioral bias and not limit flexibility
- Need to "re-discover" pioneering spirit of active and direct investing

