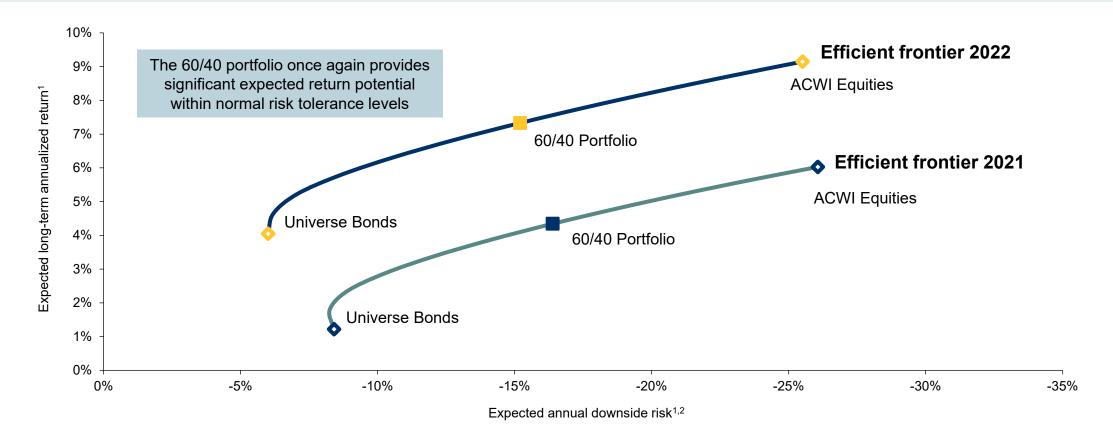
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Overcoming the complexity of institutional portfolio governance

PH&N Investment Perspectives For Institutional Investors



A time for strategic discussions



¹ Refer to appendix for modeling assumptions and disclosures.

² CVaR95 which represents the expected loss during the worst 5% of return outcomes.

Hypothetical performance analyses are for illustrative purposes only and there is no guarantee that hypothetical returns or projections will be realized.



World of the fund fiduciary

Style diversification Manager contracting ETFs Core vs. Core Plus Infrastructure CAPSA guidelines Duration Mandate structures Rebalancing Best practices Liability driven investing Hedge funds Alpha-beta separation **Currency hedging Tax rules** Cash management Factor based investing **Derivatives Private equity Asset mix policy** *Target benefit plans* Emerging markets Solvency moratoriums Global bonds Private credit Two hats doctrine Extension strategies Tactical asset mix Small cap Regional vs. Global Prudent person principle **ESG Leveraged overlays Active vs. passive High yield** Manager monitoring Secondaries



Observations on investment fund governance

- An elaborate governance structure can be a blessing and a curse
- Committees are a collection of cognitive biases
- 3 It is very hard for mere mortals to wear multiple hats
- All risks are not created equal
- 5 The squeaky wheel gets the committee's time
- 6 Markets don't wait for quarter-end
 - Risk tolerance is 1% inspiration and 99% access to a deep pocket
- 8 Pray for peace, prepare for war
 - No PR is good PR



Overcoming complexity...

We are here to help . . .

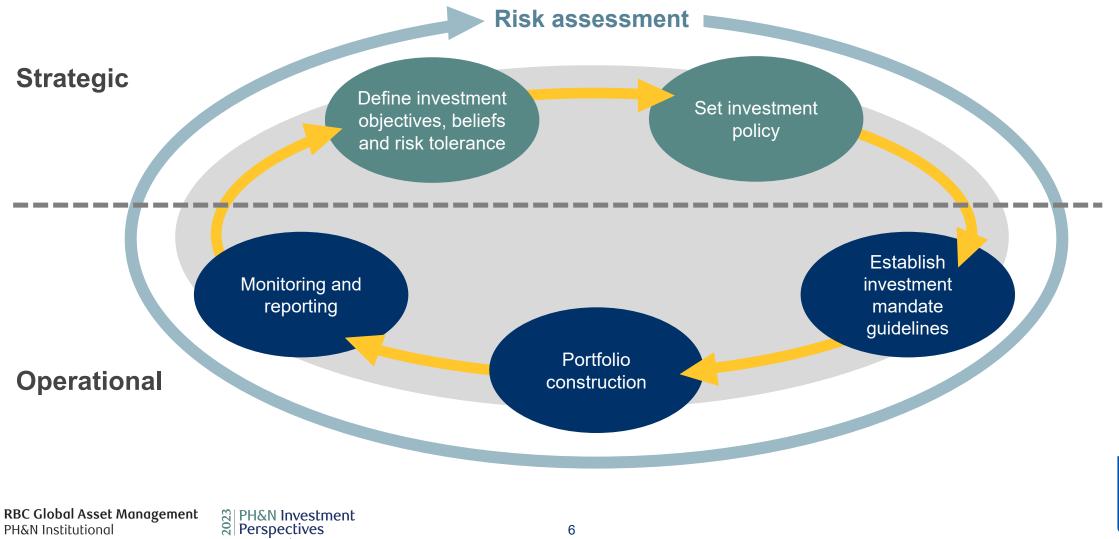


Source: Pexels

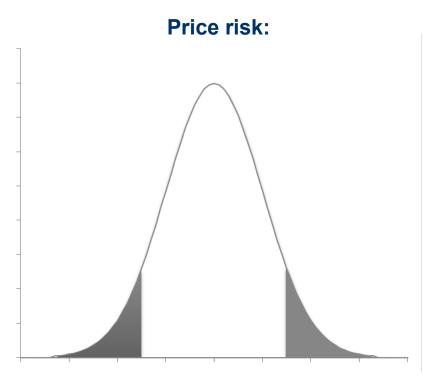
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Investment governance cycle



What is risk?



Price volatility

"Impairment" risk:



Reduced likelihood of meeting objectives

Define investment objectives, beliefs and risk tolerance

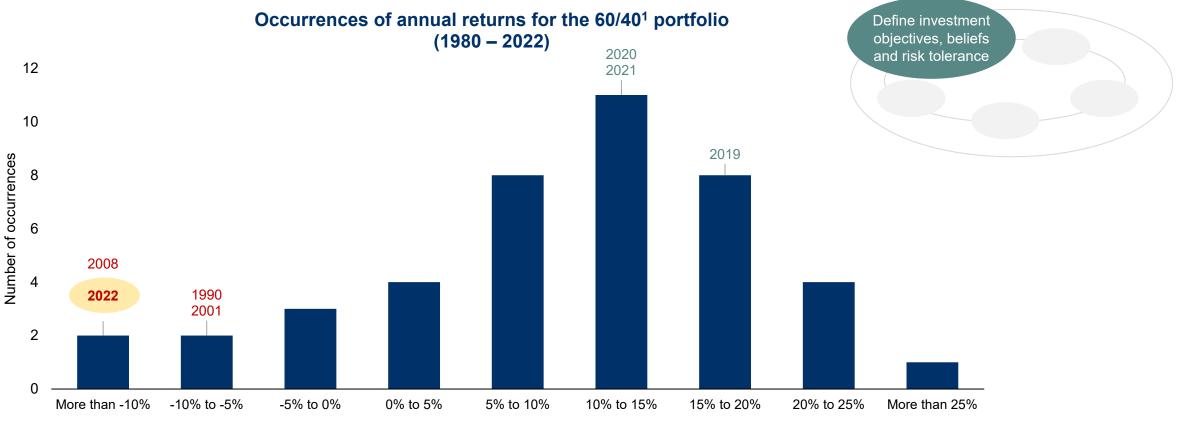
Image source: Pexels

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How much risk?



Calendar year return range

¹ Consists of 20% S&P/TSX Composite Index, 40% MSCI World Net Index CAD, 40% FTSE Canada Universe Bond Index. As of Dec 31, 2022. Source: RBC GAM





Setting investment policy

Advice for asset mix studies



Start with a strong foundation: document your specific circumstances



Be clear on the purpose of the study



Use the right tool for the job



Select the right advisor: number-crunching vs. advice



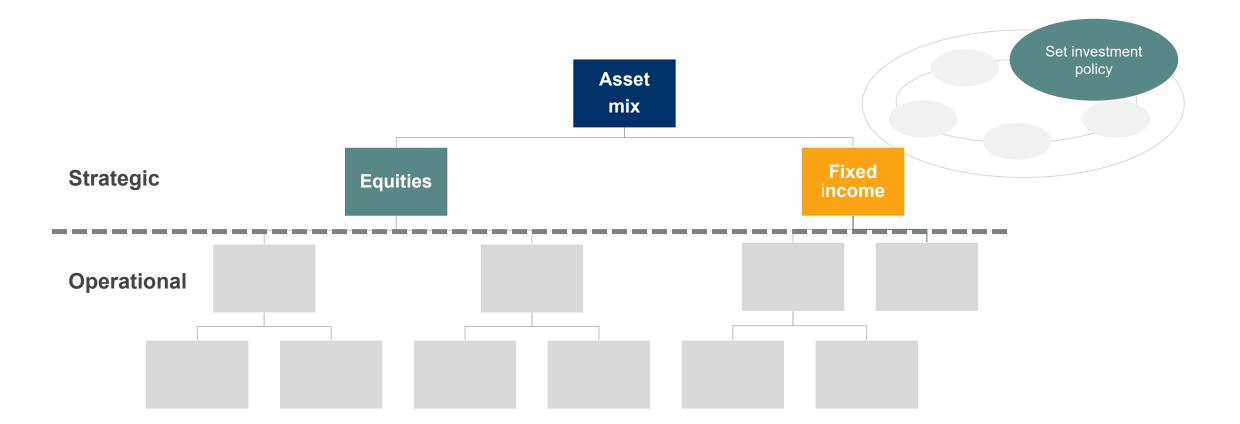
Beware of garbage in, garbage out



Set investment policy

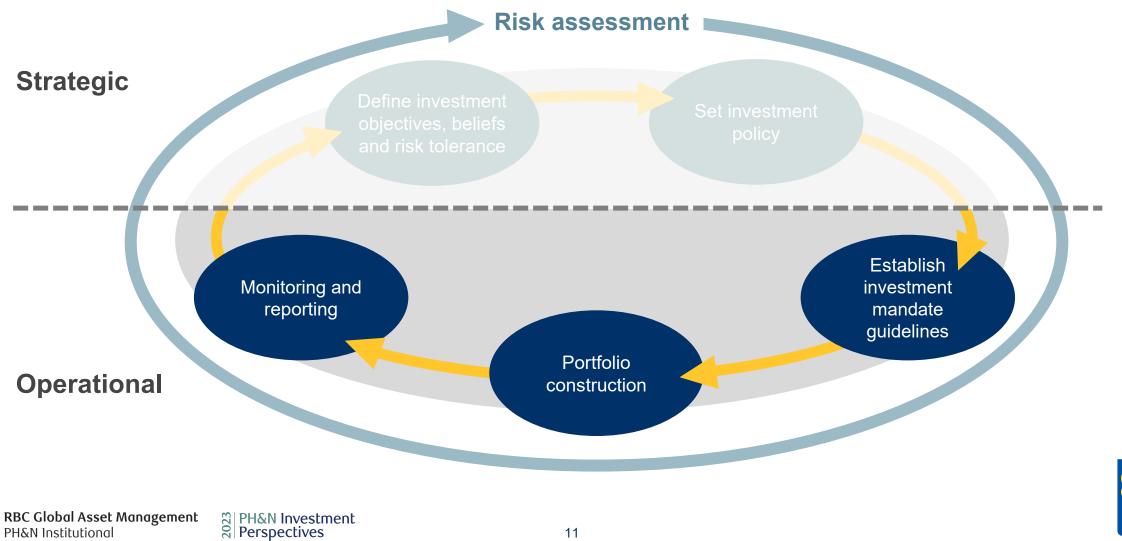
Reference portfolios

A tool for effective governance

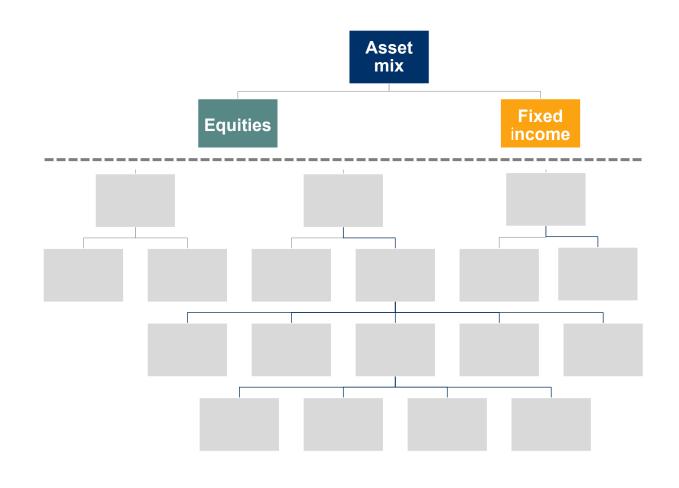




Investment governance cycle



Know your limitations and set reasonable goals



Challenges for small and medium sized investment funds

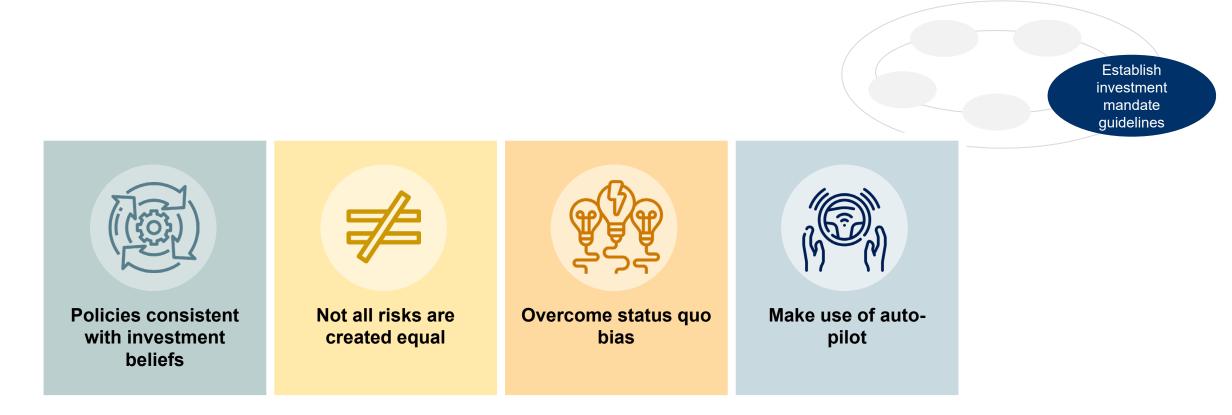
- Lack of time and expertise
- Lack of resources
- Governance structure not designed for timely decisions



Reference PH&N Investment Perspectives

Investment mandate guidelines

Practices worth sharing

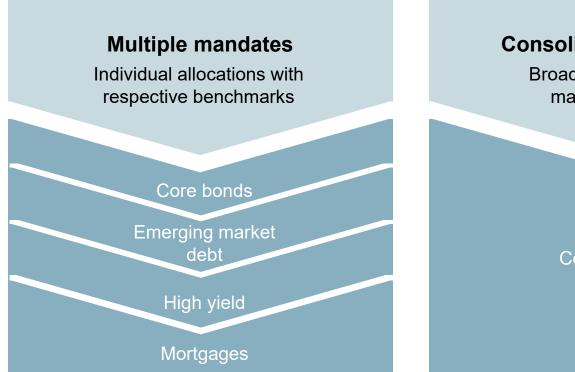




Governance structure

Simplifying asset mix and manager structure

Two paths to implementation



Consolidated mandates

Broader mandate with manager latitude

Core plus bonds

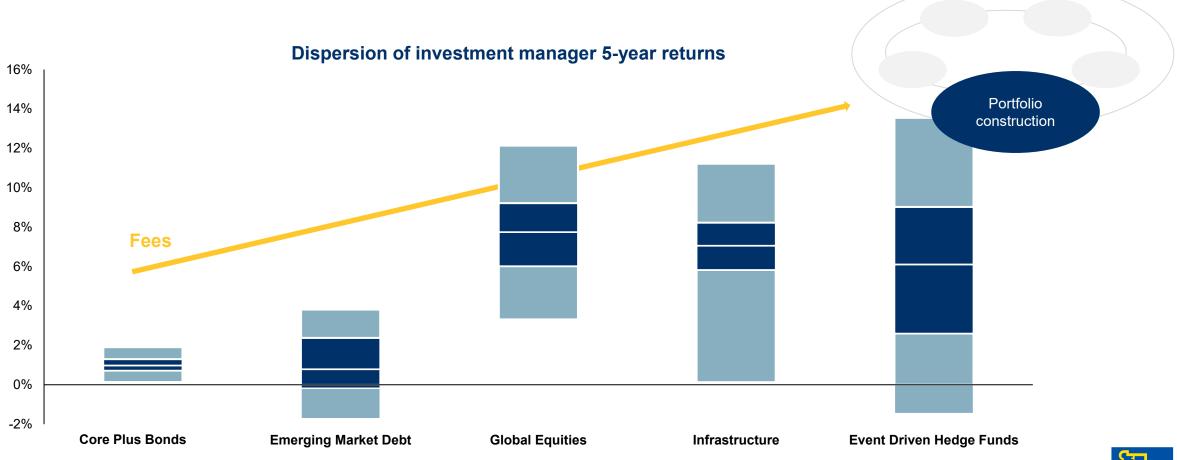
Portfolio construction



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A challenge for committees

Dispersion of returns



Data as of December 31, 2022. Source: RBC GAM, Mercer, eVestment. Concept: David Swensen, Yale University For illustrative purposes only. There is no assurance that any of the trends depicted or described herein will continue.

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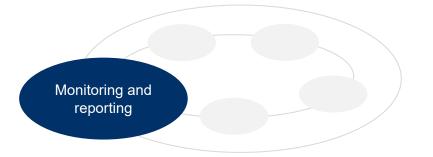
Making the most of manager meetings

It's your time, take control of it!



Frequency

- Are quarterly update meetings necessary?
- Meet managers when performance is outside a band
- Delegate meetings to a sub-committee





Content

- Use a standard agenda and performance template for manager presentations
- Focus on the information <u>you</u> need to make <u>your</u> decisions
- Ensure manager reporting serves your needs



Making the most of manager meetings

Suggestions for time management



Sharpen meeting focus

- Routine items can be "taken as read"?
- Separate investment and non-investment issues. Use an investment sub-committee?



Use "auto-pilot" as much as possible

• Example: automate asset mix rebalancing



Review minutes of previous meetings

• Was time spent productive?

Monitoring and reporting	



Ramping up expertise

Devote time for committee education...

...and get your investment managers to do it!

Tap your existing resources - what else can your existing providers do for you?

Use volunteers. There are lots of retired consultants, money managers & former investment committee members out there!

Have annual "Report Cards" for suppliers

Monitoring and reporting



ESG is 'Table Stakes' for asset owners

But adds even more complexity to governance and oversight



Determine your investment beliefs as it relates to ESG



Understand the needs of your stakeholders – DB pension, DC pension, University, Endowment, Foundation, Insurer, Family Office – all have different needs



Formalize ESG goals and incorporate them in the Statement of Investment Policy & Procedures (SIPP)



The SIPP can define how ESG considerations can support plan objectives and constraints



Responsible investing

How can investment managers help?





In summary...





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Thank you

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