

Job Specification

Job Title:	Investment Risk Manager
Reports to:	Head of Investment
Purpose of the Job:	To provide risk analysis to support the investment strategy and contribute towards TPT Investment Management's investment objectives. Working in a small team, you will likely be involved with all aspects of the investment function.

Areas of Responsibility

1. To be responsible for developing, implementing and maintaining TPT Investment Management (TPTIM)'s Investment Risk Framework. This includes:
 - 1.1. Design and oversight of the Framework, including systems, processes and oversight of the investment risk function
 - 1.2. Risk modelling and analysis
 - 1.3. Reporting across all key stakeholders

Investment risk analysis is to be carried out on both an asset only basis as well as assets relative to liabilities. Analysis is to be carried out at the aggregate portfolio level as well for individual schemes.
2. Contribute to the analysis of strategic asset allocation, manager selection and scheme-level investment decisions, including input and challenge at the relevant governance forums.
3. Develop and maintain knowledge of all assets classes used by TPTIM (and those proposed for inclusion in the portfolio) with particular focus on their individual risk characteristics and how these assets are combined into portfolios.
4. Develop and maintain an understanding of pension liabilities and the risk characteristics of these liabilities relative to asset portfolios.
5. To be the in-house subject matter expert on the use of the MSCI BarraOne risk model, as implemented through the Charles River portfolio management system, Charles River Investment Management Solution (CRIMS).

Team Member
April 2024

6. To be familiar with best practice investment risk management techniques relevant to TPTIM, including the use of ALM modelling.
7. Support the ongoing development of our reporting (both regulatory and voluntary), including on climate-related risks, with the aim of improving quality, consistency, timeliness and service for recipients.
8. To contribute towards developing and enhancing the systems (internal and external) and processes used by TPTIM, including data management.
9. Liaise with Third Parties as required to deliver objectives and improves the service and analytics produced by the investment team, including taking responsibility for data flows.
10. To contribute ideas and challenge the existing practices and approaches.
11. To assist with the training of TPT's employees and other stakeholders on investment risk matters.
12. To perform all duties in line with TPTIM's policies, both regulatory and internal, and to act as an ambassador for TPTIM at all times.

Performance & Engagement Factors	Essential	Desirable
Job & Technical Factors	<ul style="list-style-type: none"> • Experience at a multi-asset investment manager or in-house investment function of a large asset owner • Expertise in using BarraOne (or a similar industry standard risk system), interpreting output and how this feeds into investment decisions • Extensive knowledge of a range asset classes (both public and private), investment strategies and associated risk modelling (and challenges) • Experience in presenting Investment proposals to Committee/Boards • Knowledge of UK DB pension liabilities 	<ul style="list-style-type: none"> • Degree in a relevant discipline with strong quantitative background • Experience with Barra risk factors and their use in investment risk modelling • Experience of using Charles River Investment Management Solution (CRIMS) or similar portfolio management software • Knowledge of PFaroe or similar ALM software • Ability to interrogate and reconcile risk model outputs • Knowledge of portfolio risk metrics, including the strengths and weakness of various risk measurement
Systems and Processes	<ul style="list-style-type: none"> • Knowledge of industry standard risk modelling systems • Ability to manage projects from design through to conclusion 	<ul style="list-style-type: none"> • Knowledge of SQL server databases and coding language • Experience of building risk reporting in PowerBI • Knowledge of R, Python or other programming languages •
Engaged Behaviour	<ul style="list-style-type: none"> • Interest in pensions and investment issues • Understanding of the trustee/sponsor relationship and responsibilities • Use of initiative and independence 	<ul style="list-style-type: none"> • Experience of working with account managers and business development teams and participating new business pitches
Values	<ul style="list-style-type: none"> • Act in line with the values: inclusive, integrity, innovative, customer focused, cost effective, committed 	
Customer Care	<ul style="list-style-type: none"> • Customer focused approach • Ability to build effective working relationships • Strong verbal communication skills • Strong written communication skills 	
Performance Factors	<ul style="list-style-type: none"> • Clear evidence of achieving challenging goals 	

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