## Investment & Performance Risk

Risk Detail					Current Situation	Scoring			Management and Monitoring				
	Risk & Nature of Risk	Cause of Risk	Implications of Risk	Risk Owner & Impact Period	Current Risk Controls	Severity	Probability	Score	Current Status	Action Required	Responsible Party & Review Date	Progress Report/ Comments	
		Underperformance of the WPP's Investment Managers. Adverse and unforeseen economic conditions and market events. Inappropriate strategic and regional asset allocations.	A significant strain on the WPP's key stakeholders, the Constituent Authorities. This may result in a requirement for greater employer contributions or a fall in funding level.	JGC	Ongoing monitoring of investment performance, market developments and economic outlook reported by the Investment Manager and the Operator and discussed at OWG meetings The Operator/ the Investment Managers and ongoing reviews of their process •Manager days hosted by the Operator/ the Investment Manager for OWG/Constituent Authorities Pension Fund Committees	4	Current	12		The probability of Investment Manager underperformance needs to be reduced, this can be achieved improved monitoring of investment performance & market developments and economic outlook.	OWG	The OWG is continuing to work with the Operator and the Investment Manager to improve the WPP's investment reporting mechanisms. The Risk Sub- Group recommends that a market benchmarking exercise of the WPP's Sub-funds and Investment Managers is undertaken every two years. The WPP has undertaken	
							Target		-			significant work during the course of the quarter to improve	
1.1	Financial			Long Term		4	2	8	Ð		Q4 2021	the WPP's engagement mechanisms with Investment Managers, this includes the finalisation of the WPP Manager Engagement Schedule and putting in place notification mechanisms to identify when and why rebalancing within Russell managed WPP Sub-funds has taken place.	
	One of the WPP's Investment Managers fails/ exits the market, leading to a financial loss to WPP assets.	<ul> <li>Investment Manager's business model, internal controls and/ or the external</li> </ul>	Financial loss to assets held within the WPP.		The Operator/The Investment Manager facilitate:		Current				OWG	The WPP RI Sub-Group will take responsibility for assessing how Sub-fund Managers oversee, monitors and challenges underlying managers on RI	
				The Operator/ The Investment Manager	Ongoing monitoring of investment managers     Questioning managers on their internal controls,     external regulation, succession/retention policies     Engagement with Investment Managers and the     Investment Manager industry     Maintaining a shortlist of suitable replacement	5	2	10	0	The WPP needs to ensure that suitable procedures are in place for the oversight of Sub-Fund Managers and for the replace/ appointment or rebalancing of Sub-Funds. The WPP undertake the following workstreams:			
1.2	Financial			Short Term	Managers	Target			了自	<ul> <li>Formulate a Sub-fund Manager Appointment, Replacement and Rebalancing Policy</li> </ul>		matters, this will be completed in Q1 2021. The OWG will be	
						5	2	10		•Codify the means by which the Sub-fund Investment Manager oversees, monitors and challenges underlying Investment Managers. It was noted that these workstream are particularly relevant for non-Russell managed Sub-funds	Q4 2021	responsible for establishing a protocol for overseeing sub funds, in particular non Russell managed Sub-funds.	
	Failure of appointed	<ul> <li>Inaccurate recording of asset valuations and transactions.</li> <li>Unsatisfactory safeguarding of assets.</li> <li>External and internal controls fail to prevent fraud or misappropriation.</li> <li>Custodian fails and exists the market, potentially leading to stranded assets.</li> </ul>	is. the WPP. 'safeguarding of assets. hternal controls fail to r misappropriation. The Oper a and exists the market, ling to stranded assets.	in	•Robust procurement process overseen by The Operator	Current			The OWG will work with the Operator and Oversight advisor to agree the procedure for		This work will be undertaken in Q1 2021, with the expectation		
1.3	Custodian may lead to assets not being properly managed resulting in financial and/or information loss in relation to investment assets.			The Operator/ OWG	Annual review of custodian prepared by The Operator and presented to OWG •Analysis of Investment Manager Records vs Custodian Records •Monitor custodian performance on annual basis •Custodian regulated by FCA	5	2	10	Д	formulating and the content of the WPP Annual Custodian Review.	OWG/ Oversight Advisor	that the Operator will produce its Annual Custodian Review as	
1.5	Financial			Short Term	<ul> <li>Receipt of annual controls reports from Custodian's External Auditors</li> </ul>		Target		山				
						5	2	10			Q4 2021		

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	The WPP does not receive or seek expert investment advice when required.	•WPP ignores appropriate advice provided by expert advisers. •WPP fails to seek to expert advise	Inappropriate decisions are implemented which may harm investment performance.	OWG/ JGC	Robust procurement processes     Ongoing training for JGC and OWG members     Oversight Advisor in place to oversee Investment     Advise & decision-making process     Engagement with other LGPS Pools and Funds to     cross verify suitability of advice	4	Current 2	8		The WPP believe that the objectivity and range of investment solutions recommendations is the biggest area of concern in relation to this risk. In particular, the WPP needs to ensure that it is fully aware of the limitations, from an objectivity point of view, of the proposal put forward by the Investment Management Solutions Provider. The WPP will ask its Oversight Advisor to codify and	OWG/ Oversight Advisor	This workstream will be undertaken in the fist half of 2021.	
1.4							Target			formalise the process by which he WPP should go about considering investment solutions. Local level			
1.4	Financial			Long Term		4	1	4		advisors have a important role is considering the suitability of WPP investment solution for their Constituent Authority. The Oversight advisor will identify which aspects of an investment solution it will advise the OWG on and which will continue to be carried by local level advisors.	Q4 2021		
		Lack of information and transparency from			•Ongoing monitoring of investment managers fees •Question The Operator, the Investment Manager		Current			The WPP has identified two new means of		The WPP will consider the findings of the SAB Cost	
	The WPP fails to challenge Manager fees, value for money and mandated objectives.	vestment Managers. n nability to check and challenge vestment Managers and benchmark them lative to market competitors.	money to the WPP's stakeholders.	OWG	-Question The Operator, the Investment Manager and Investment Managers on their fees -Demand Transparency from Investment Mangers, the Investment Manager and The Operator on fees	2	2	4	п	controlling this risk. As noted in risk 1.1, the WPP will undertake bi-annual benchmarking exercises, this will allow the WPP to assess the value for money that they are obtaining relative to market comparators. Furthermore, the WPP recognises that cost transparency exercises are invaluable in identifying value for money, this will be the second means by which the WPP will assess value for	OWG/ Oversight Advisor	Transparency exercise, following this the OWG will consider what additional action are required and whether there is a need for further cost transparency	
1.5							Target		<sup>™</sup>			exercises.	
	Financial			Medium Term		2	1	2		money.	Q4 2021		
		•The WPP fails to monitor their	Financial loss to assets held within		•Ongoing monitoring of counterparty exposure •Question The Operator, The Investment Manager,		Current			The OWG will ask the Operator to formulate an initial counterparty risk report by Q3 2021.	OWG	The OWG, with assistance from their Oversight Advisor, will	
	The WPP is subjected to counterparty risk	counterparty exposure and the probability of counterparty defaults. •A suitable escalation process to deal with excess counterparty exposure is not put in place.	the WPP, potential legal costs, reputation risk.	OWG/ The Operator/ The Investment Manager/ The Custodian	Investment Managers and Custodian on the WPP's	4	2	8	л			their Oversight Advisor, will review the Operators initial report on counterparty risk.	
1.6							Target		ĽÐ				
	Financial			Short Term		4	2	8			Q4 2021		
		<ul> <li>Insufficient time and resources are allocated to the design and development of</li> </ul>	The WPP provides sub-funds that do not deliver value for money/		<ul> <li>Numerous advisors used in the formulation of sub- funds</li> </ul>		Current			-The formulation of the following two documents, as outlined in Risk 1.2, will need to be carried out		The formulation of the WPP Annual Constituent Authority Questionnaire has significantly mitigated the risk that Constituent Authorities needs and requirements are not identified and accounted for in the formulation and alteration	
	The WPP puts in place sub- optimal sub-funds.	sub-funds.	cost saving and or the investment vely requirements of the Constituent ( he Authorities Th	OWG/ The Operator/ The Investment Manager	<ul> <li>Oversight advisor in place to oversee investment strategy and sub-fund design</li> <li>Numerous checks and balances on the decision- making process and approval of invest strategy and sub-funds</li> <li>Cost benefit analysis is carried out prior to each</li> </ul>	4	2	8	Г	<ul> <li>b) outmich in Nazi y win need to be canned out to further mitigate this risk:</li> <li>Formulate a Sub-fund Manager Appointment, Replacement and Rebalancing Policy</li> <li>Codify the means by which the Sub-fund Investment Manager oversees, monitors and challenges underlying Investment Managers.</li> <li>These mechanism will focus on ensuring that existing sub-funds continue to be optimal for the Constituent Authorities.</li> </ul>	The Operator/ Investment Manager / Oversight Advisor		
1.7	Financial			Long Term	sub-fund launch •Use of the Investment Manager's scale and the		Target		B			of WPP Sub-funds.	
			t saving are launched.		WPP's scale to negotiate the best Manager fees possible •Frequent consultation with Constituent Authorities on their requirements •Asset held outside of sub-fund if their inclusion in the sub-fund is cost inefficient	4	1	4			Q4 2021		

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	The WPP fails to adequately account for climate change, climate risk and ESG factors.	Climate Change, Risk and ESG Factors can		OWG/ The Operator/ The Investment Manager	Development of suitable Climate Change, Climate Risk and ESG reporting metrics     Appointment of a proxy voting and engagement provider, who engages with managers and ger companies on how they manage Climate Change, Climate Risk and ESG factors     Publication of a Responsible Investment policy and Climate Risk Policy	4	Current 2	8		The WPP RI Sub-Group is working with the Oversight Advisor to enhance the WPP's reporting on Responsible Investment and Climate Risk. The WPP also received training on ESG and Climate Risk reporting in Q4 2020, this training should help maximise the understanding and thus effectiveness of the WPP ESG and Reporting. The WPP RI Sub- Group was also established in Q3 2020, this group	OWG/ Oversight Advisor	The WPP RI Sub-Group will consider a further draft of the WPP ESG and Climate Risk reporting in January 2021, the current plan is to deliver the finalised report as at the 31 March 2021 in Q2 2021. Additionally, the RI Sub-group
1.8	Financial				<ul> <li>Constant engagement and challenging of Managers on how they account for Climate Risk/ Change and ESG factors</li> <li>Development of Sub-funds that will allow Constituent Authorities to manage their Climate risk Exposure</li> <li>Annual Climate Change, Climate Risk or ESG related training event on the WPP Training Plan</li> </ul>	4	Target	4		will take ownership of monitoring, challenging and reporting of how the WPP's Investment Managers account of RI matters within WPP sub-funds.	Q4 2021	will meet with the Investment Managers of the WPP's Sub- funds to understand, challenge and review how they account of RI matter in the formulation of WPP sub-funds.
	The WPP fails to facilitate investment solutions that enable the Constituent Authorities to meet their investment strategy and objectives.	<ul> <li>Insufficient time and resources are allocated to engaging with and understanding Constituent Authority needs and requirements.</li> <li>Constituent Authorities do not effectively articulate their requirements and/ or the WPP fails to account for Constituent Authority requirements.</li> <li>Sub-funds are not designed to Constituent Authority requirements.</li> </ul>	ated to engaging with and rstanding Constituent Authority needs requirements. Stituent Authorities do not effectively ulate their requirements and/ or the fails to account for Constituent ority requirements. -funds are not designed to Constituent ority requirements -funds are not flexible enough or able ange to better meet Constituent ority requirements	OWG/ The Operator/ The Investment Manager/ Oversight Advisor	The development of further sub-funds is a prioritised item within the WPP's business plan.     Frequent consultation with Constituent Authorities on their requirements     Consultation with the Constituent Authorities on the ongoing suitability of existing sub-funds.     Numerous advisors used in the formulation of sub- funds     Oversight advisor in place to oversee investment strategy and sub-fund design     Numerous checks and balances on the decision-	5	Current 2	10	Con		Oversight Advisor	An annual consultation questionnaire has been developed and issued to Constituent Authorities. The questionnaire seeks to determine Constituent Authorities' individual investment requirements and longer-term aspirations. It is anticipated that this questionnaire will mitigate the risk that WPP investment solutions fail to meet the needs of the Constituent Authorities. However, the Risk Sub-fund has decided to retain the current risk score until they have reviewed how effectively the feedback from the questionnaire has filtered through into he WPP workplan for 2021/2022 and beyond.
1.9	Operational/ Reputational	to change to better meet Constituent Authority requirements		Long Term	Andmerous checks and paperoval of invest strategy and sub-funds	5	Target	5			Q4 2021	

## Governance & Regulation Risk

		Risk Detail	Current Situation Scoring				Management and Monitoring					
	Risk & Nature of Risk	Cause of Risk	Implications of Risk	Risk Owner & Impact Period	Current Risk Controls	Severity	Probability	Score	Current Status	Action Required	Responsible Party & Review Date	Progress Report/ Comments
		Operator is not adequately resourced.     Operator does not put sufficient     performance/risk reporting systems in     place.     The Operator does not have the     resources/ expertise to carry out Manager     monitoring, fee negotiations, facilitate     vehicles & establishment services.     The Operator does not put in place     sufficient checks and balances to ensure     compliance with all relevant regulations.     The Operator laces the ability or     regulatory approval to provide Depositary     and Custody services (via ACS).		Oversight Advisor/HA/ OWG/ Legal Advisor		Current			The OWG will develop an 'impact limitation procedure' which could be enacted if the Operator were to exit the market or if an immediate		The OWG will ask the Operator for an update on the progress of the takeover bid that their	
	to deliver on its contractual obligations or stops providing Operator services due to existing the market or regulatory restrictions.					5	3	15		replacement needed to be appointed. The OWG is continuing to monitor any developments resulting from the FCA's review of the ACD Operator market. The OWG recognises the resource strain this review places on the Operator.	owe	parent company has received.
G.:	2	•Insufficient monitoring of appointed entities for fund administration & transfer agency (Northern Trust).				Target		P				
	Financial / Operational	The Operator fails to put in place suitable Risk Management (RM), including: RM policy, procedures and mitigation strategies The Operator is not adequately resourced to provide adequate relationship management and service delivery.		Short Term		Target	10		Q2 2021			