## 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
1.1		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.	1ec	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 Manager engagement with Investment Managers and ongoing reviews of their process     Manager days nosted by the Operator / the Investment Manager for OWG/Constituent Authorities Pension Fund Committees	4	Current	12		N/A	ows	There has been a significant amount of work undertaken in this area over the past 12 months. Key activities include:  - Quarterly reports from Russell, Northern Trust and Link continue to be discussed at OWG & JGC meetings  - Bi-annual sub-fund benchmarking has commenced - the  initial review of the global equity sub-funds will take place  in Q4 2021. Eved income sub-funds will be  restablished.  - RI reporting on climate risk & ESG risks has commenced  on a quarterly basis  - Link have drafted an 'ACS responsibilities matrix' which  formalises targeted & benchmark returns, along with  other aspects of sub-fund management.
						Target					activities has been completed and the effectiveness of the activities as mitigations can be validated.	
	Financial			Long Term		4	2	8			Q4 2022	
	in		Financial loss to assets held within the WPP.	The Operator/The Investment Manager	The Operator/The Investment Manager facilitate:  Ongoing monitoring of investment managers  Questioning managers on their internal controls, external regulation, succession/retention policies  Engagement with Investment Managers and the Investment Managers and the Investment Manager industry  Maintaining a shortlist of suitable replacement Managers	Current			The WPP needs to ensure that suitable procedures are in place for the oversight of Sub-Fund		There has been good progress in this area over the last 12 months. Key activities include:	
1.2						5	2	10		Managers. The WPP undertake the following action:  *Codify due diligence on non-Russell managed subfunds.	ows	- A sub-fund ACS manager rebalancing policy has been drafted and will be delivered to the J6C in December 2021  - Reporting on any manager changes (inc. rationale) in non-Russell managed sub-funds  - Link have drafted an 'ACS responsibilities matrix' which formalises targeted & benchmark returns, along with  other aspects of sub-fund management
	Financial			Short Term			Target				Q4 2022	
						5	2	10				
	Failure of appointed Custodian may lead to assets not being properly managed resulting in financial and/or information loss in relation	and transactions.  Unsatisfactory safeguarding of assets.  External and internal controls fail to prevent fraud or misappropriation.  Custodian fails and exists the market, potentially leading to stranded assets.	the WPP.	thin	Robust procurement process overseen by The Operator 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 Receipt of annual controls reports from Custodian's External Auditors	Current			The OWG will work with the Operator and Oversight advisor to agree the procedure for		High level monitoring and information on the custodian has been received. Work is still to be progressed on the	
1.3				The Operator/ OWG		5	2	10		formulating and the content of the WPP Annual Custodian Review.		annual review of the custodian, which is expected to be part of the link Management Information template, due to be delivered in Q1 2022.
							Target					
	Financial			Short Term		5	2	10			Q4 2022	

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	The WPP does not receive or seek expert investment	An external adviser provides inappropriate or unsatisfactory advice to WPP. 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 a significant area of concern. In particular, the WPP needs to ensure that it is fully aware of the limitations, of the proposals put forward by the Investment Management Solutions Provider.  The WPP will ask its Oversight Advisor to codify and formalise the process the WPP should follow when	r d DWG/ Oversight Advisor g d s	Work on private markets sub-funds demonstrated the robustness of WPP's collective challenge in the sub fund design stage.  The action to codify the process by which the WPP should go about considering investment solutions has been discussed. This is expected to be a matrix, including items such as the process by which sub-funds are developed from the 'ideas' stage to launch and roles and
				Long Term			Target		considering investment solutions.		responsibilities of various parties (including Link, Russell, Hymans and local/independent advisors). This is expected	
1.4	Financial					4	1	4	<b>B</b>	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, who have an important role to play when considering the suitability of WPP investment solution for their Constituent Authority.	Q4 2022	by Q1 2022.
			inability to deliver value for money to the WPP's stakeholders.	owg	Ongoing monitoring of investment managers fees Question The Operator, the investment Manager and Investment Managers on their fees Demand Transparency from Investment Managers, the Investment Manager and The Operator on fees		Current			identifying value for money, this will be the second means by which the WPP will assess value for money.  The WPP will consider the findings of the SAB Cost	OWG/ Oversight Advisor	Link have provided a value for money document to the WPP, focussing on the cost & value of their services and
1.5						2	2	4	_			that of their third parties  -Bi-annual sub-fund benchmarking has commenced - the initial review of the global equity sub-funds is due to take place in Q4 2021. Fixed Income sub-funds will be reviewed in 2022 and an on-going monitoring programme will be established.
1.5				Medium Term		Target		Transparency exercise, following this the OWG will consider what additional action are required and whether there is a need for further cost				
	Financial					2	1	2		transparency exercises.  OWG to consider Cost transparency actions and requirements following receipt of SAB information.	Q4 2022	
	The WPP is subjected to	The WPP fails to monitor their counterparty exposure and the probability of counterparty defaults. A suitable escalation process to deal with excess counterparty exposure is not put in place.	Financial loss to assets held within the WPP, potential legal costs,		Ongoing monitoring of counterparty exposure     Question The Operator, The Investment	Current				The OWG will ask the Operator to formulate an initial counterparty risk report by Q1 2022.		The report on counterparty risk is expected to form part of the Link Management Information template. Link have
1.6					Manager, Investment Managers and Custodian on the WPP's level of counterparty exposure	4	2	8	<u> </u>		owg	appointed a provider to deliver this report and it is due to be delivered in Q1 2022.
				Short Term			Target					
	Financial					4	2	8			Q4 2022	

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1.7	The WPP puts in place sub- optimal sub-funds.	Insufficient time and resources are allocated to the design and development of sub-funds. Constituent Authorities do not effectively articulate their requirements and/or the WPP falls to account for Constituent Authority requirements. Value for money and/or cost savings are not given adequate consideration. Sub-funds with insufficient scale to achieve cost saving are launched. Manager fee negotiations are ineffective	The WPP provides sub-funds that do not deliver value for money/ cost saving and or the investment requirements of the Constituent Authorities	OWG/The Operator/ The Investment Manager	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-making process and approval of invest strategy and sub-funds Ost benefit analysis is carried out prior to each sub-fund launch Use of the Investment Manager's scale and the 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 In 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 of WPP Sub-funds	4	Current 2	8	_	The formulation of the following document, as outlined in Risk 1.2, will need to be carried out to further mitigate this risk:  - Codify due diligence on non-Russell managed subfunds  - Carry out an annual review of the size of investment in sub funds to ensure they are of a reasonable size.  These mechanisms will focus on ensuring that existing sub-funds continue to be optimal for the Constituent Authorities.	The Operator/ Investment Manager / Oversight Advisor	There has been good progress in this area over the last 12 months. Key activities include:  - A sub-fund manager rebalancing policy has been drafted and will be delivered to the IGC in December 2021.  - The ACS responsibilities matrix has been drafted and will be delivered to the IGC in December 2021. this will cover sub-fund objectives and other information.  - A sub-group of Officers and Hymans Advisers has been formed to look at Private Market sub-funds, including overseeing adviser procurement.  - Launch of the Emerging Markets Sub Fund.
1.7				Long Term		Target						
	Financial					4	1	4			Q4 2022	
		Lack of knowledge on the impacts of Climate Change, Risk and ESG Factors.     Lack of knowledge on how the impacts of Climate Change, Risk and ESG Factors can be managed.     Poor attendance at training events.	Financial loss to assets held within the WPP and potential for stranded assets.	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 companies on how they manage Climate Change, Climate Risk and ESG factors     Publication of a Responsible Investment policy and Climate Risk Policy     Constant engagement and challenging of Managers on how they account for Climate Risk/Change and ESG factors     Development of Sub-funds that will allow Constituent Authorities to manage their Climate risk Exposure     Annual Climate Change, Climate Risk or ESG related training event on the WPP Training Plan		Current			The WPP RI Sub-Group is working with the Oversight Advisor to develop a robust framework covering the WPP's reporting on Responsible Investment and Climate Risk.	OWG/ Oversight Advisor	The WPP RI Sub-Group has established a quarterly cycle of ESG and Climate Risk reporting and will continue to 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 RIS Sub Group have prepared a Stewardship Report and are expected to submit to the FRC in Q4 2021.
	account for climate change,					4	2	8				
1.8	Financial			Long Term			Target				Q4 2022	
						4	1	4				
		Insufficient time and resources are allocated to engaging with and	The Constituent Authorities refuse to make use of the investment		The development of further sub-funds is a prioritised item within the WPP's business plan.		Current					The annual consultation questionnaire that seeks to determine Constituent Authorities' individual investment
1.9	The WPP fails to facilitate investment solutions that enable the Constituent Authorities to meet their investment strategy and objectives.	understanding Constituent Authority needs and requirements. Constituent Authorities do not effectively articulate their requirements and/or the WPP fails to account for Constituent Authority requirements. Sub-funds are not designed to Constituent Authority requirements. • Sub-funds are not flexible enough or able	solution provided by the WPP. Consequently, the WPP fails to Pool assets, which may lead to government intervention and or the collapse of the WPP.	OWG/The Operator/ The Investment Manager/ Oversight Advisor	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	2	10	4	N/A	Oversight Advisor	requirements and longer-term aspirations continues to be issued and is used to feed into the WPP workplan.  The target score for probability has been increased to a 2 as it was felt to be a more realistic target, taking into account external factors and the changing needs of Constituent Authorities.
		to change to better meet Constituent Authority requirements			making process and approval of invest strategy and sub-funds		Target					
	Operational/ Reputational		Long	Long Term	Long Term	5	2	10			Q4 2022	