

Shropshire County Pension Fund

LGPS Central Limited Update



Agenda



LGPS CENTRAL LIMITED UPDATE

- Introduction
- Investment Overview and Performance
- Responsible Investment and Engagement
- Closing Comments

In collaboration with our Partner Funds...







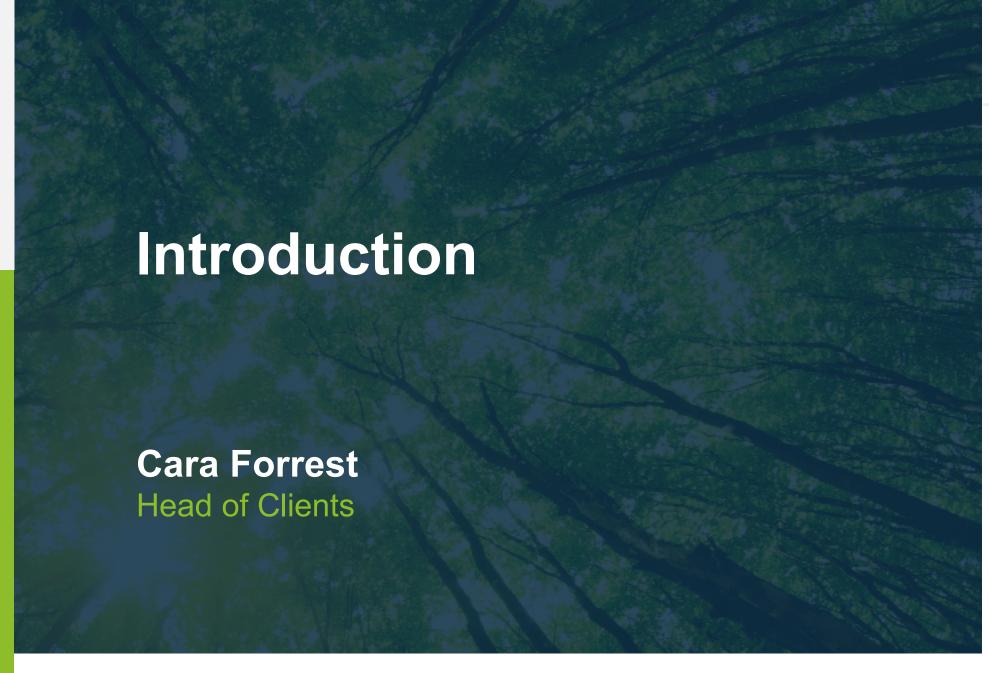














LGPS Central Limited

May 2013: National Association of Pension Funds' local authority conference, Local Government Minister Brandon Lewis said:

""...the clear message from me this morning is that I am not wedded to the existing number of 89 funds in England and Wales. If it takes a smaller number of funds to improve the efficiency and costeffectiveness of the Scheme, I shall not shy away from pursuing that goal."

November 2015: Government produce set of principles against which authorities were invited to bring forward proposals for half a dozen "asset pools". The principles included the following objectives:



- Attain scale with £25 billion set as a target size for pools
- Make savings no target was set but the word "substantial" gave an insight into the expectations
- Include good governance
- **Do more infrastructure** expressed as an objective to develop the capacity and capability to increase investment but without a target

February 2016:

Submissions were received by government for eight developing pools.



These groupings were a mixture of natural allies, geographical neighbours and/or the strategically likeminded.



2018: LGPS Central Limited opens for business.

3 April

Source: LAPF

Our Partner Funds:



Derbyshire Pension Fund















Evolving landscape











Pooling is here to stay



What does this mean for clients

| Medium Term | Long Term | 2025 | 2026-30 | 2040 |



The acceleration challenge



We need to:

Offer you the right products and services

Build your confidence in our investment performance and service delivery

Demonstrate value for money

Maximising the benefits of pooling for clients



Initial aims



Benefits of scale

Better governance

Reduce cost

Capacity & capability

Progress



33% assets

FCA regulation

£77m 'banked'

£4bn committed

Company ambitions



100% assets

Strategic partners

£328m forecast

Full suite of funds & services



Investment Overview

Mark Davies
Head of Public Markets
Nadeem Hussain
Head of Private Markets

The journey so far



PRODUCT DEVELOPMENT: SHROPSHIRE'S POOLING PROGRESS

7 Funds in Development / Review 3 Funds Launched 2 Funds Launched Indirect Property Fund UK Passive Equity Credit Partnerships (Real Asset, Stable Return) Global Active Investment Grade Global Equity Dividend **Corporate Bond Multi Manager** •LGPS Central PE Primary Partnership 2023 LP* 3 Funds Launched **Growth Factor Fund** Fund Buy and Maintain Credit •Global Ex-UK Passive Global Sustainable Equity Active Global Active Emerging Market Bond Global Investment Grade Credit **Equity Fund** Multi Manager Fund Funds (Broad, Thematic, Targeted) Small Cap Equity 2020 2018 2019 2021 2022 2023 2024 **5 Funds Launched** 11 Funds Launched 1 Fund **PARTNER FUND OBJECTIVES** Launched •PE Primary Partnership 2018 LP •Global Multi Factor Equity Index Fund •PE Co-Investments Partnership • Global Multi-Asset Credit Multi Manager Fund Direct Property 4 Passive Equity Funds 2018 LP Fund •LGPS Central PE Primary Partnership 2021 LP 5 Active Equity Funds

- Global Equity Active Multi Manager Fund
- Emerging Markets Equity Active Multi Manager Fund
- All World Climate Multi Factor Fund

- •LGPS Central PE Co-Investments Partnership 2021 LP
- Credit Partnership I LP
- · Credit Partnership II LP
- Credit Partnership III LP
- Credit Partnership IV LP
- ·Value Add / Opportunistic Infrastructure Partnership LP
- •Core / Core Plus Infrastructure Partnership LP
- •LGPS Central Infrastructure Single Asset Partnership LP

1 Fund Closed

 Global Equity Dividend Growth Factor Fund

BROAD SUITE OF POOLED INVESTMENT FUNDS TO MEET

- 3 Active Fixed Income Funds
- 1 Direct Property Fund
- 5 Private Equity Limited **Partnerships**
- 4 Private Credit Limited **Partnerships**
- 3 Infrastructure Limited **Partnerships**

Market Backdrop and Outlook



CENTRAL BANKS HAVE WON THE INFLATION BATTLE, BUT IS THE WAR OVER?

Rates will be cut, but not by as much, nor as quickly as initially thought.

- Inflation will re-appear late in Q2 and may well delay H1 rate reductions.
- Service inflation remains stubborn in certain markets (UK and US especially) other sectors have seen prices decline and base effects have seen further headline improvements. However, this could reverse during Q2 and lead central banks to pause in any rate decline they might have started or even delay such actions until early H2

Canada could lead the way and cut first,

• Followed by the EU although mid-year elections here might delay their move? Indeed, upcoming elections may reduce the window for rate cuts even further (to avoid central banks being politicised or their independence being compromised).

US elections happen towards the end of the year giving the Fed ample time to act;

 The market now accepts the Fed's vision of three moves. UK elections yet to be announced but assumed to be late Q3 gives the MPC a smaller window, especially as UK inflation is the most stubborn to decline (especially Service inflation) and most likely to have a Q2 uplift due to base effects.

Economic growth continues to prove varied amongst leading economies with US seemingly set with growth forecast at over 2%, EU and Japan probably the weaker of the major areas. UK technically in recession and finding it difficult to recover.

Fixed income markets have disconnected from equity markets as investors have readjusted to more realistic rate moves albeit with increased volatility, **equity markets** continue to rally with even Japan hitting all time highs

 Current Chinese annual National People's Congress is forecasting 5% annual growth, fiscal support to help economic growth and encourage domestic consumption. May give additional help to global growth, but focus is on 'home grown' improvement

Private Markets Overview



BROAD COVERAGE OF OPPORTUNITIES ACROSS FOUR ASSET CLASSES



Asset Class Coverage

- Private Markets covers Private Equity, Private Debt, Infrastructure and Property. To date, 13 strategies have been launched.
- New vintage launches planned for Private Equity (Q1 2024), Private Credit (Q1/Q2 2024) and Indirect Residential Property (Q1 2024)
- Infrastructure funds are open-ended allowing capital to be committed as required across four strategies
- UK Direct Property, has recently been launched with legacy property portfolios being considered for transition

Opportunities and Threats



- Investor appetite for Infrastructure and Private Debt continues, driven by mega themes (e.g. energy transition and drive to net zero) and macro economical factors (e.g. higher interest rates)
- Increased focus on acquiring assets at the right price as many funds are sitting on dry powder
- Continued opportunity in private debt due to the market dislocation as banks continue to retrench
- Enhanced returns through floating rate loan structures benefiting from interest rate increases are expected to reduce as inflation reduces and central banks reduce interest rates

Shropshire Investment Overview



30 December 2023	Inception Date	Date Shropshire First Invested	Total Fund NAV	Shropshire NAV	Shropshire % of Fund	Performance % Since First Investment	Benchmark / Target Performance % Since First Investment
Public Markets							
Global Equity Active Multi Manager Fund	March 2019	March 2019	£3,340.4m	£401.9m	12%	11.98%	11.11% / 12.61%
Global Sustainable Equity Active Broad Fund	May 2022	May 2022	£503.0m	£123.6m	25%	7.27%	7.59% / 9.09%
Global Sustainable Equity Active Targeted Fund	May 2022	May 2022	£639.9m	£38.2m	6%	2.77%	7.59% / 9.59%
Global Active Investment Grade Corporate Bond MM Fund	March 2020	October 2023	£2,011.9m	£251.7m	13%	9.70%	9.04% / 9.84%
30 September 2023	Inception Date	PF commitments	Sub- committed	Shropshire Commitment (% LP)	Drawn	Performance	Benchmark % / Target %
Private Markets					'		
LGPS Central Credit Partnership II LP	July 2021	£1,165m	£1,176m (100.9%)	£120m (10%)	52.5%	11.1% net	- / 6%-8%
LGPS Central PE Primary Partnership 2021 LP	Sept 2021	£365m	£365m (100%)	£30m (8%)	10.3%		gful data given naturity
LGPS Central Core/Core Plus Infrastructure Partnership LP	June 2021	£826m	£689m (83.4%)	£69m (8%)	56.0%	2.3%	3.5% above CPI
LGPS Central Value Add/Opportunistic Infrastructure Partnership LP	April 2021	£197m	£162m (82.2%)	£17m (9%)	19.1%	5.9%	5% above CPI

Total Investment in LGPSC: £1,051.4m

LGPS Central Product Development



FOCUS ON FURTHER PRIVATE MARKET VINTAGES/OPPORTUNITIES

Buy and Maintain Credit



Investment case in progress

Launch expected Q2 2024

Private equity



2024 vintages in progress

First Close
Q1 2024
Shropshire
Commitment: £30m

Infrastructure



Opportunities available throughout the year

Private credit



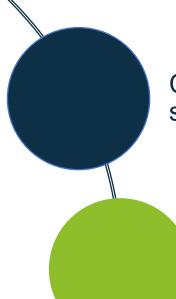
2024 vintages in progress

Launch expected Q1/Q2 2024

Shropshire actively in discussion on these funds and contributing towards development

Priorities for 2024





Continue to work closely with clients to better understand their investment strategies and risk appetite

Continue to review and evolve our manager selection processes to ensure we can continue to offer our clients best in class solutions to meet investment needs

Continue to build the LGPSC pool and meet the long-term ambitions of becoming strategic partners, offering a full suite of products and services.









Recruitment Update



RI TEAM ORGANISATIONAL CHART

Head of Stewardship Sheila Stefani

Senior RI Analyst Sameed Afzal

Director of RI & E
Patrick O'Hara

RI Manager (Net Zero)
Edward Baker

RI Manager (Integration)
Basyar Salleh

Junior RI Analyst Jack Yonge

Junior RI Analyst
Alex Gailbraith

Net Zero Update



POSITIVE FEEDBACK RECEIVED FOLLOWING LAUNCH

LGPS Central launches new net zero strategy to 'decarbonise real economy'

"Realistic but challenging' climate targets"

Room151

LGPS Central Net Zero Plans Undeterred by UK Policy

"Interim targets and twin track strategy across asset classes designed to combine pragmatism with

precision and transparency"



Investing in the future

LGPS Central launches twin-track net-zero strategy







LGPS Central launches new net zero strategy to 'decarbonise real economy'



Net Zero Update



Public markets prioritisation criteria & methodology • Agreed NZ index parameters for testing (Sovereigns and private markets • Carbon Foot Printing & sovereigns • Country level analysis • Calculated NZ operational emissions • Briefing notes on key themes for 2024 • Discussed with external advisors • Presented to Board & ExCo		Analytics	Implementation activity
Private markets Carbon Foot Printing & Sovereigns Country level analysis Sent questionnaire to IMs on foot Printing Operational NZ / Other Calculated NZ operational emissions Briefing notes on key themes for 2024 • Discussed with external advisors • Presented to Board & ExCo	Public markets	prioritisation criteria &	 Identifying new influencing channels (with UKSIF,
Private markets Carbon Foot Printing & Sovereigns Country level analysis Sent questionnaire to IMs on foot Printing Operational NZ / Other Calculated NZ operational emissions Operational NZ / Other Private markets Calculated NZ operational emissions Operational NZ / Other Private markets Discussed with external advisors Operational NZ / Other			
• Briefing notes on key themes for 2024 • Presented to Board & ExCo	•		 Inputted into IIGCC net zero consultation on sovereigns Sent questionnaire to IMs on foot Printing
• Briefing notes on key themes for 2024 • Presented to Board & ExCo			
	•	·	

Net zero: priorities for Q1 2024



Outputs

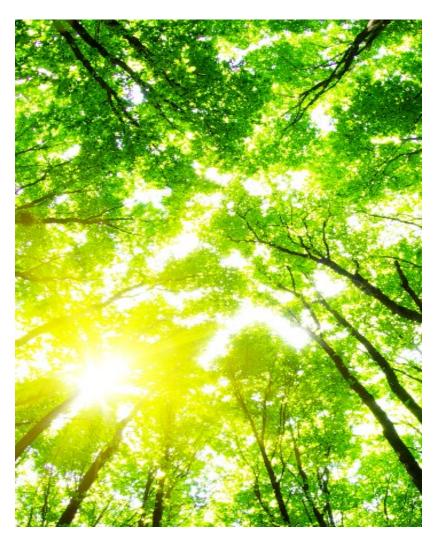
- Present & seek investment teams input on internal net zero asset class strategy Publish paper on net zero operational emissions.
- Carbon-Foot Printing Private Markets.

Stewardship/policy advocacy

- Prioritise and support engagement with top emitters and strategic companies.
- Input into UKSIF, IIGCC & PRI's UK & EU priorities and engagement plan.

Analytics

Development of net zero dashboard.



LGPS Central Net Zero Operations



Office-Based Emissions

- We have calculated scope 1 and 2 emissions associated with electricity and heating within LGPS Central offices.
- From a baseline of 2019, to 2023.

Business Travel Emissions • We have estimated annual emissions associated with our business travel including, rail, air and by car.

Looking Forward

- We are planning to investigate our emissions associated with home working, commuting and supply chains. We plan to transfer to a zero-carbon energy product.
- Consideration of robust carbon offsets to target residual emissions.

Energy performance certificate (EPC)

4TH FLOOR Mander House Mander Centre WOLVERHAMPTON WV1 3NB

Energy rating



i9 Wolverhampton Interchange Railway Drive Wolverhampton WV1 1LH Energy rating

We noted a significant reduction in our office-based emissions following our move from Mander House to 19 during 2021.

Private Market Carbon Foot Printing



Reach out to Private Market Managers



Collect Data on Portfolio Holdings



Estimate Private Market Carbon Data



Check estimations through reported data

- Private Equity
- Co-Invests
- Private Debt
- Infrastructure
- Property

- Sector
- Revenue
- Company Size
- Geography

Carbon
 metrics are
 estimated
 using this
 data

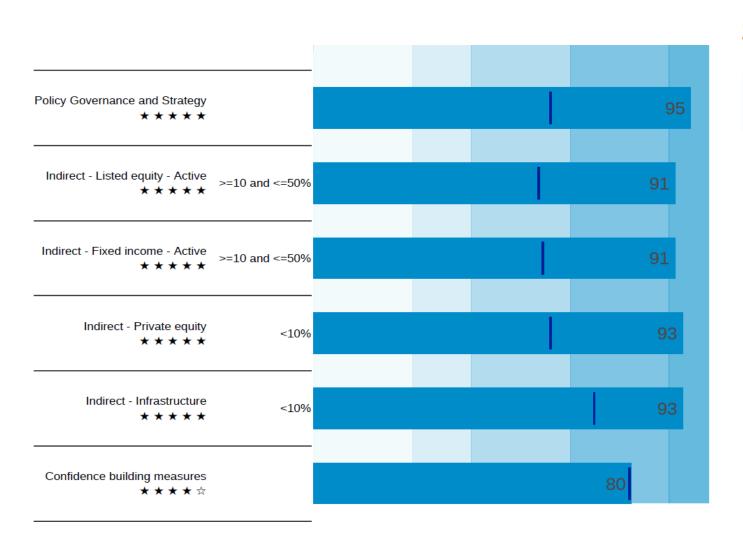
Comparison
 of estimations
 versus
 reported data

We are currently preparing to reach out to managers in anticipation of collecting Q1 2024 portfolio holdings data

Other Highlights

LGPS Central Limited

KEY ACHIEVEMENTS IN 2023



Summary Scorecard

PRI Median Module Score —

LGPS Central was awarded five stars (maximum score) in five out of six modules.

Scoring well above the PRI Median in these 5 modules.

Total votes = 42,078

% dissent = 14.41%

KEY ACHIEVEMENTS IN 2023

- RI Champions Network established
- RI Summit delivered
- TCFD Report and Stewardship Code report completed (5 Partner funds now signatories)
- MSCI ESG Platform procured and onboarded
- LGPSC nominated for the "Best Approach to RI" as part the LAPFF awards
- RI&E Governance refreshed and enhanced
- In active equities, the RI team conducted due diligence for the replacement of the Emerging Markets manager, as well as the 3-year review of the overall EM fund
- In fixed income, we conducted 3-year reviews of two corporate bond managers
- In private markets, we conducted due diligence on several managers and co-investments including abrdn, Macquarie, Berkshire, IFM Investors, EQT, Nielsen (Co-Investment), Duck Creek (Co-Investment) and M&G
- Consultations Corporate Governance Code, Fair Reward, FCA Listing Regime, FCA Vote Reporting and DLUHC consultation on Mandatory TCFD reporting
- 30 letters sent to investee companies post voting season to explain the rationale behind votes against management
- 16 Presentations delivered to partner funds on a range of ESG related topics
- We will be providing further training to Committee on RI&E and Stewardship at a separate training session.

Priorities for 2024

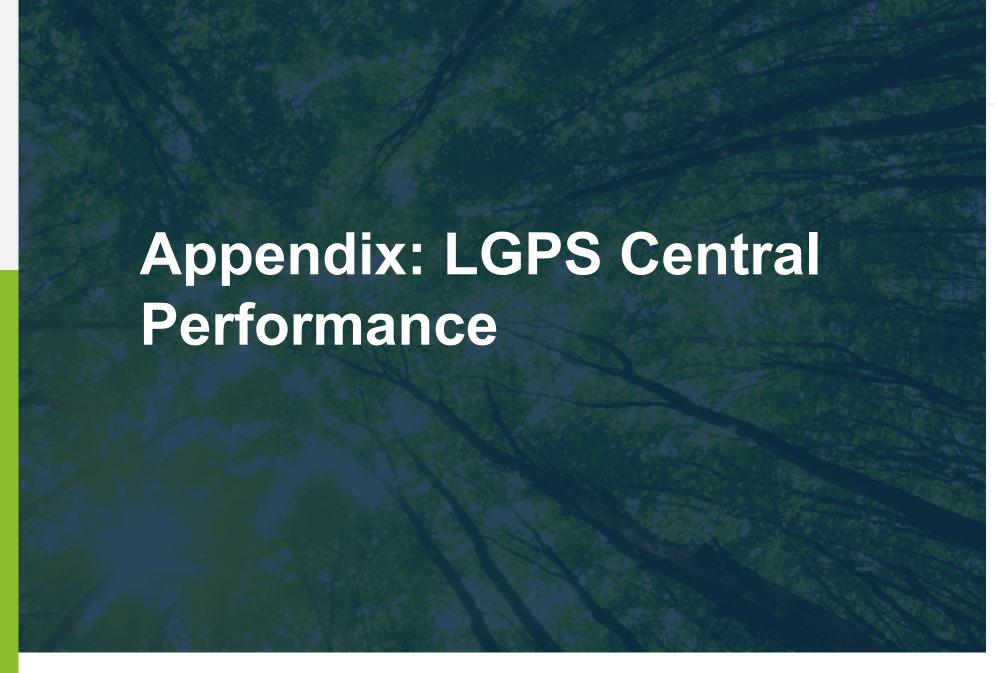


KEY DELVERABLES

- Private Markets
 - Manager Monitoring
 - Portfolio Analysis
 - Net Zero
 - Carbon Reporting
- Regulatory Developments
 - LGPS Central
 - Partner Funds
- SIMS (Sustainable Investment Monitoring Service)
 - TNFD Preparedness
 - The "S of ESG"

Net Zero Strategy

- Engagement
- Asset Level Implementation
- Dashboard/ Reporting
- Stewardship Themes Refresh
 - Impact and Outcomes focused
 - Associated Reporting
- Client Reporting
 - Further CRMS enhancements
 - Outcomes focused Stewardship reporting









Public Markets Performance 31 December 2023



Annualized Berfermans to 24 Becomber			1 Year Performance (2023)			Rolling Three-Year Performance			Since Inception Performance		
Annualised Performance to 31 December 2023	Inception Date	Fund (% p.a.)	B'mark (% p.a.)	Tracking Error	Fund (% p.a.)	B'mark (% p.a.)	Tracking Error	Fund (% p.a.)*	B'mark (% p.a.)	Tracking Error	
Passive ACS Funds											
UK Passive Equity Fund	April 2018	8.04%	7.92%		8.43%	8.61%		5.11%	5.26%		
Global Ex-UK Passive Equity Fund	April 2018	14.50%	14.39%		7.53%	7.34%		9.33%	9.35%		
All World Equity Climate Multi Factor Fund	Oct 2019	11.64%	11.40%		8.99%	8.77%		10.06%	9.86%		
Global Low Carbon Multi Factor Fund	Jan 2021	9.73%	9.34%		-	-	-	7.90%	7.65%		
Annualised Performance to 31 December 2023	Inception Date	Fund (% p.a.)	B'mark (% p.a.)	Target (%p.a.)	Fund (% p.a.)	B'mark (% p.a.)	Target (% p.a.)	Fund (% p.a.)	B'mark (% p.a.)	Target (% p.a.)	
Active ACS Funds											
Global Equity Active Multi Manager Fund	March 2019	16.60%	15.69%	17.19%	10.14%	8.76%	10.26%	11.98%	11.11%	12.61%	
Emerging Markets Equity Active MM Fund	July 2019	0.57%	2.94%	4.94%	-5.15%	-0.92%	1.08%	-0.60%	2.08%	4.08%	
Global Sustainable Equity Active Thematic Fund	May 2022	16.94%	15.69%	17.69%	-	-	-	7.54%	7.59%	9.59%	
Global Sustainable Equity Active Broad Fund	May 2022	12.36%	15.69%	17.19%	-	-	-	7.24%	7.59%	9.09%	
Global Sustainable Equity Active Targeted Fund	May 2022	8.60%	15.69%	17.69%	-	-	-	2.77%	7.59%	9.59%	
Global Active Investment Grade Corporate Bond MM Fund	March 2020	10.10%	8.89%	9.69%	-4.45%	-4.08%	-3.28%	1.21%	1.11%	1.91%	
Global Active Emerging Market Bond MM Fund	Dec 2020	10.62%	9.88%	10.88%	-3.03%	-4.54%	-3.54%	-2.92%	-4.39%	-3.39%	
Global Active Multi Asset Credit MM Fund	April 2021	8.90%	4.94%	8.94%	-	-	-	-0.60%	2.53%	6.53%	

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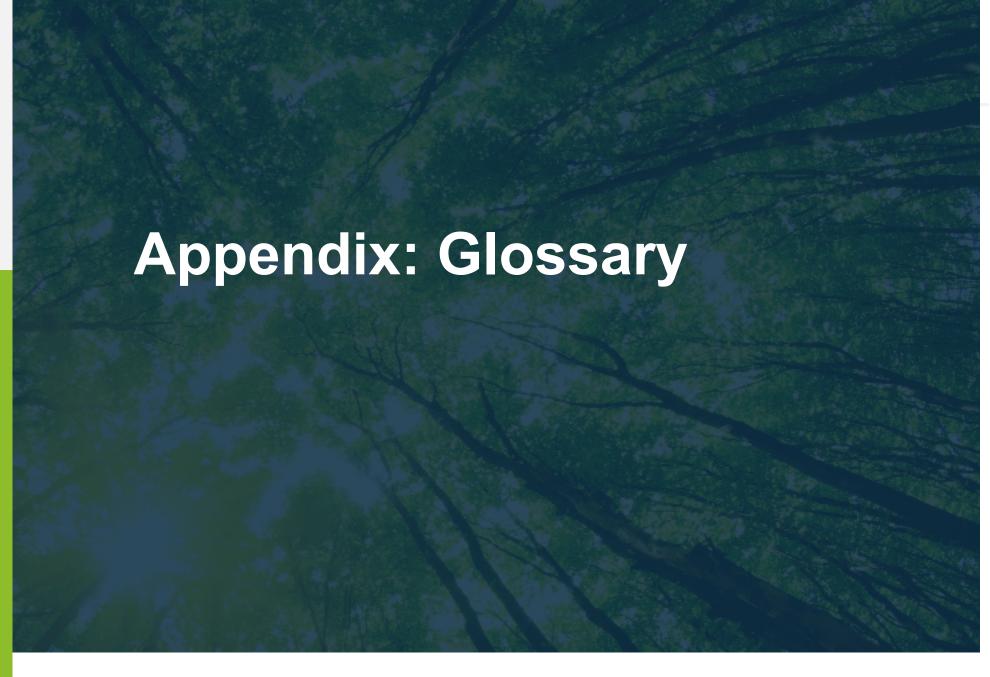
Private Markets Performance (30 September 2023)



Performance Since Inception to 30 September 2023	Inception Date	PF commitments	Sub-committed	Drawn	Performance	Benchmark %	Target %
Private Equity							
LGPS Central PE Primary Partnership 2018 LP	Jan 2019	£150m	£148m (98.7%)	81.0%	14.6%	9.2%	13.2%
LGPS Central PE Co-Investments Partnership 2018 LP	Jan 2019	£107m	£100m (93.5%)	94.0%	32.9%	8.5%	12.5%
LGPS Central PE Primary Partnership 2021 LP	Sept 2021	£365m	£365m (100%)	10.3%	No meaningful data given immaturity		
LGPS Central PE Co-Investments Partnership 2021 LP	Sept 2021	£140m	£139m (99.3%)	82.4%	20.1%	1.2%	5.2%
Private Credit							
LGPS Central Credit Partnership I LP	Oct 2021	£305m	£277m (90.8%)	60.6%	10.3% net	-	12-14% net
LGPS Central Credit Partnership II LP	July 2021	£1,165m	£1,176m (100.9%)	52.5%	11.1% net	-	6-8% net
LGPS Central Credit Partnership III LP	Nov 2022	£440m	£440m (100%)	24.8%	No meaningful data given immaturity		
LGPS Central Credit Partnership IV LP	June 2022	£587m	£498m (84.8%)	57.7%	-0.2% net	-	4.5-6% net
Infrastructure							
LGPS Central Core/Core Plus Infrastructure Partnership LP	June 2021	£826m	£689m (83.4%)	56.0%	2.3%	3.5% above CPI	
LGPS Central Value Add/Opportunistic Infrastructure Partnership LP	April 2021	£197m	£162m (82.2%)	19.1%	5.9%	5% above CPI	
Single Asset Infrastructure Partnership LP	Feb 2022	£205m	£205m (100%)	100%	7.2%	8% - 12% TWR	
Co-Investment Infrastructure Partnership LP	Feb 2022			Commitme	ents yet to be mad	е	













Glossary



Term	Definition
AsYouSow	NGO promoting corporate accountability through shareholder action.
Authorised Contractual Schemes (ACS)	Collective investment scheme that pools assets and is managed on behalf of several investors.
CDP	NGO helping companies, cities, states, regions, and public authorities disclose their environmental reporting impact.
Climate Action 100+ (CA100+)	Investor initiative to ensure the world's largest corporate greenhouse gas emitters take necessary action on climate change.
EOS at Federated Hermes	Engagement overlay provider that delivers corporate engagement and proxy voting services.
Finance Sector Deforestation Action (FSDA)	Investor initiative focused on eliminating agricultural commodity-driven deforestation from portfolios.
Financial Reporting Council (FRC)	Regulator that is responsible for setting the UK's Corporate Governance and Stewardship Code.
Institutional Investors Group on Climate Change (IIGCC)	A European-based membership body for investor collaboration on climate change.
Intergovernmental Panel on Climate Change (IPCC)	United Nations body for assessing the science related to climate change.
Investor Policy Dialogue on Deforestation (IPDD)	Investor initiative engaging with public agencies and industry associations on the issue of deforestation.





Glossary



Term	Definition
Local Authority Pension Fund Forum (LAPFF)	Promotes the highest standards of corporate governance to protect the long-term value of local authority pension funds.
Natural Capital	The worlds stocks of renewable and non-renewable natural resources (plant, animals, air, water, minerals, soil) that combine to provide a flow of benefits (ecosystem services) to people.
Principles for Responsible Investment (PRI)	Independent body working to encourage investors to use Responsible Investment to enhance returns and better manage risk.
ShareAction	NGO promoting Responsible Investment and driving better corporate action on Environmental, Social, and Governance issues.
Taskforce for Nature-related Financial Disclosures (TNFD)	Risk management and disclosure framework for organisations to report on nature-related risks.
The Investor Forum	Practitioner-led membership organisation to position stewardship at the heart of investment decision-making.
Transition Pathway Initiative (TPI)	Global initiative that assesses preparedness by companies in high carbon sectors for transition to a low carbon economy.
UN Guiding Principles on Business and Human Rights (UNGP)	Set of guidelines for states and companies to prevent, address and remedy human rights abuses committed in business operations.





DISCLAIMER:



LGPS Central Disclaimer

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Share Class and Benchmark performance displayed in GBP.

Performance is shown on a Net Asset Value (Nav) basis, with gross income reinvested where applicable.

All information is prepared as of 4 March 2024

This document is intended for **PROFESSIONAL CLIENTS** only.



"One Central team, working in partnership to invest with purpose and deliver superior returns"





