Macquarie Group Limited

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ASX/Media Release

MACQUARIE GROUP 2023 AMERICAS INVESTOR TOUR - DAY 2

SYDNEY, 8 MARCH 2023 Macquarie Group Limited (Macquarie) (ASX: MQG; ADR: MQBKY) is hosting an investor tour over three days in the United States from Tuesday, 7 March 2023 to Thursday, 9 March 2023.

The second day of the tour will commence at 9:00am on Wednesday, 8 March 2023 (Eastern Standard Time) or 1:00am on Thursday, 9 March 2023 (Australian Eastern Daylight Time). The second day will highlight the presence established by Macquarie Capital in the region.

Head of Macquarie Capital, Michael Silverton, noted "For Macquarie Capital, the Americas region represents substantial opportunity. Opportunity to grow by unlocking the value created by big trends in technology, infrastructure, energy transition and private capital. Opportunity to apply our principal investing approach in support of these trends. And opportunity to bring our expertise and integrated solutions to clients, here and abroad, in our focus sectors."

Macquarie will release to the market the investor tour materials prior to the commencement of each of the three days. A recording of the presentations will also be made available on Macquarie's website. Please visit Macquarie's Investor Centre website at https://www.macquarie.com/au/en/investors/results.html

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This document was authorised for release to ASX by Sam Dobson, Head of Investor Relations.



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Unless otherwise specified all information is as at 31 December 2022.

This presentation provides further detail in relation to key elements of MGL's financial performance and financial position. It also provides an analysis of the funding profile of the Group because maintaining the structural integrity of the Group's balance sheet requires active management of both asset and liability portfolios. Active management of the funded balance sheet enables the Group to strengthen its liquidity and funding position.

This presentation may contain forward looking statements including statements regarding our intent, belief or current expectations with respect to MGL's businesses and operations, market conditions, results of operation and financial condition, capital adequacy, specific provisions and risk management practices. Readers are cautioned not to place undue reliance on these forward looking statements. MGL does not undertake any obligation to publicly release the result of any revisions to these forward looking statements to reflect events or circumstances after the date hereof to reflect the occurrence of unanticipated events. While due care has been used in the preparation of forecast information, actual results may vary in a materially positive or negative manner. Forecasts and hypothetical examples are subject to uncertainty and contingencies outside MGL's control. Past performance is not a reliable indication of future performance.

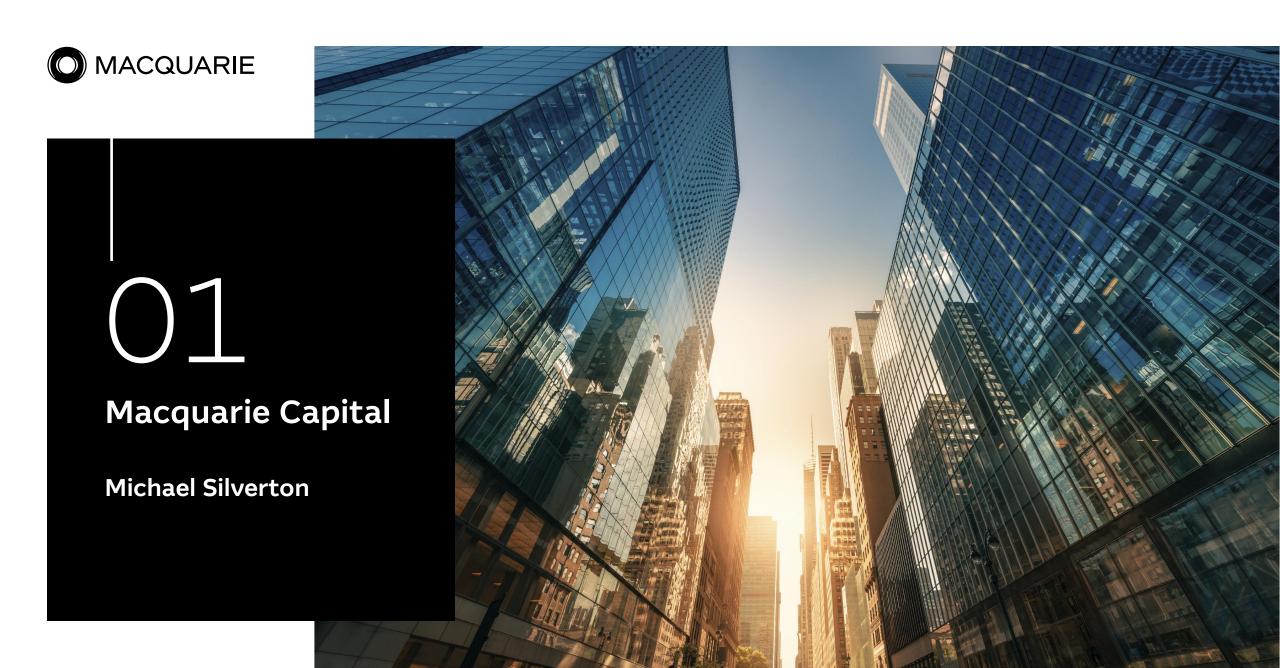
Any additional financial information in this presentation which is not included in the Macquarie Group Limited Financial Report was not subject to independent audit or review by PricewaterhouseCoopers.

Before investing, investors should consider carefully the investment objectives, risks, charges and expenses of a mutual fund. This and other important information is contained in the prospectus and summary prospectus, which may be obtained at delawarefunds.com or from a financial professional. Read it carefully before investing.

Risk Factors: Past performance is not a guarantee of future results. Investing involves risk, including the possible loss of principal. The value of the Fund's shares will change, and you could lose money on your investment. An investment in the Fund is not a bank deposit and is not insured or guaranteed by the Federal Deposit Insurance Corporation or any other government agency. These and other risks are more fully described in the Fund's prospectus.

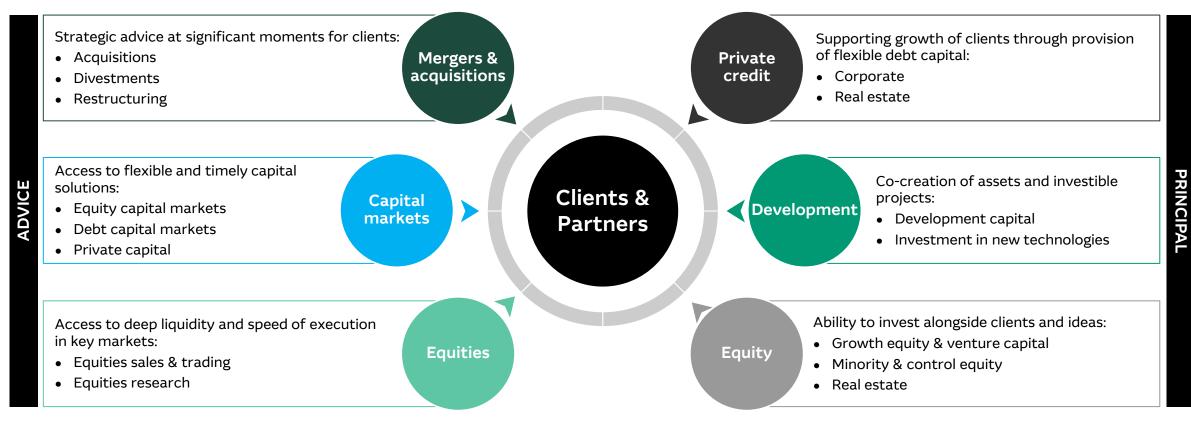
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The Morningstar RatingTM for funds, or "star rating", is calculated for managed products (including mutual funds, variable annuity and variable life subaccounts, exchange-traded funds, closed-end funds, and separate accounts) with at least a three year history. Exchange-traded funds and open-ended mutual funds are considered a single population for comparative purposes. It is calculated based on a Morningstar Risk-Adjusted Return measure that accounts for variation in a managed product's monthly excess performance, placing more emphasis on downward variations and rewarding consistent performance. The top 10% of products in each product category receive 5 stars, the next 22.5% receive 3 stars, the next 22.5% receive 2 stars, and the bottom 10% receive 1 star. The Overall Morningstar Rating for annaaged product is derived from a weighted average of the performance figures associated with its three-, five-, and 10-year (if applicable) Morningstar Rating metrics. The weights are: 100% three-year rating for 36-59 months of total returns, 60% five-year rating/40% three-year period actually has the greatest impact because it is included in all three rating periods.



Macquarie Capital

Macquarie Capital combines specialist expertise, innovative advice and flexible capital solutions to help our clients and partners make opportunity reality



Connecting ideas and capital

Regional focus with global connectivity

Driven by our specialist teams on the ground, we maintain a regional focus while leveraging our global capabilities to connect clients to global capital markets

AMERICAS

442 \$A9.9b Staff¹ Invested²

EMEA

335 \$A8.0b Staff¹ Invested²

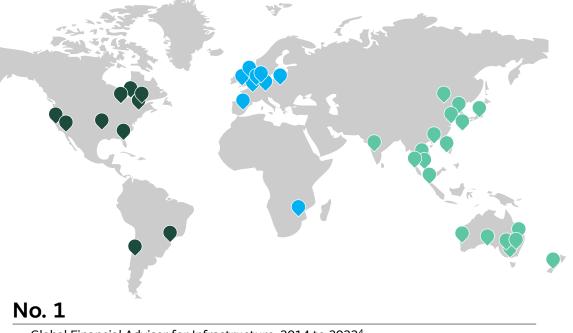
APAC

837 \$A2.8b Staff¹ Invested²

TOTAL

1,614 Staff¹

\$A20.6b Invested²



- Global Financial Adviser for Infrastructure, 2014 to 2022⁴
- Global Financial Adviser for Renewables, 2017 to 2022⁴
- Global Social & Defence Project Finance Financial Adviser for two consecutive years⁵
- Global PFI/PPP Project Finance Volume by Financial Adviser⁶
- In ANZ for M&A⁷ and IPOs⁸ for the past decade
- In ten sectors for equity research⁹

Diverse team				
Global	88 52 distinct cultural distinct languages			
Coverage & capital markets specialists ³	529 195 M&A and capital market specialists with deep sector knowledge			
Investing and development specialists ³	243 88 Professionals investing in credit and equity globally across sectors			
Equities specialists ³	352 37 Research, execution & trading specialists with deep sector expertise			
Tenured leadership	16 years Average tenure of Executive Directors across Macquarie Capital			

^{1.} As at 31 Dec 22. Includes staff employed in certain operationally segregated subsidiaries throughout the presentation. 2. Commitments as at 31 Dec 22, numbers are subject to rounding and may not fully reconcile. 3. Revenue staff as at 31 Dec 22. 4. By deal value and/or deal count in each calendar year, based on Inspiratia, IJGlobal or Inframation league table rankings. 5. IJGlobal (CY21 & CY20 by value). 6. Dealogic (1 Jan 13 to 31 Dec 22 ASX and NZX by value). 9. Peter Lee Associates 2022 Survey of Australian Institutional Investors, Top 20, Priority Accounts.

Macquarie Capital in the **Americas**

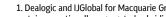


Boston Sao Paulo Chicago Chile Houston Jacksonville Santiago Los Angeles Canada New York Toronto San Francisco

Brazil

United States

1. Dealogic and IJGlobal for Macquarie Group completed M&A, investments, ECM and DCM transactions. 2. As at 31 Dec 22. Includes staff employed in certain operationally segregated subsidiaries. 3. To 31 Dec 22, based on commitments.



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Regional presence since 1994



442 staff²





\$A2.0b+ principal investments made in FY23 YTD³

Sectors

Infrastructure, real assets and energy transition	Infrastructure	Green Energy	Real Estate
	Consumer, Gaming & Leisure	記述 Technology	Aerospace, Defence & Government Services
Technology, software and services	Media	Services	Healthcare
	Financial Institutions		
Resources, energy and materials	Industrials	Critical Minerals & Energy	Energy

Service Offerings

Advisory

Mergers & Acquisitions

Investing & Financing

- Principal Investing
- Development
- Lending

Capital Markets

- Debt Capital Markets
- Equity Capital Markets
- Private Capital Markets

Equities

- Equity Brokerage
- Equity Research

More than two decades of embracing our role as an innovation engine for the Macquarie Group

Recent highlights from FY23



Financial adviser to **ECI Partners** and other shareholders on the **sale of Clear Group** to Goldman Sachs Asset Management



Financial adviser to Churchill Downs Inc. on the acquisition of Peninsula Pacific Entertainment



Expanded our sector coverage in healthcare services, software and services and technology



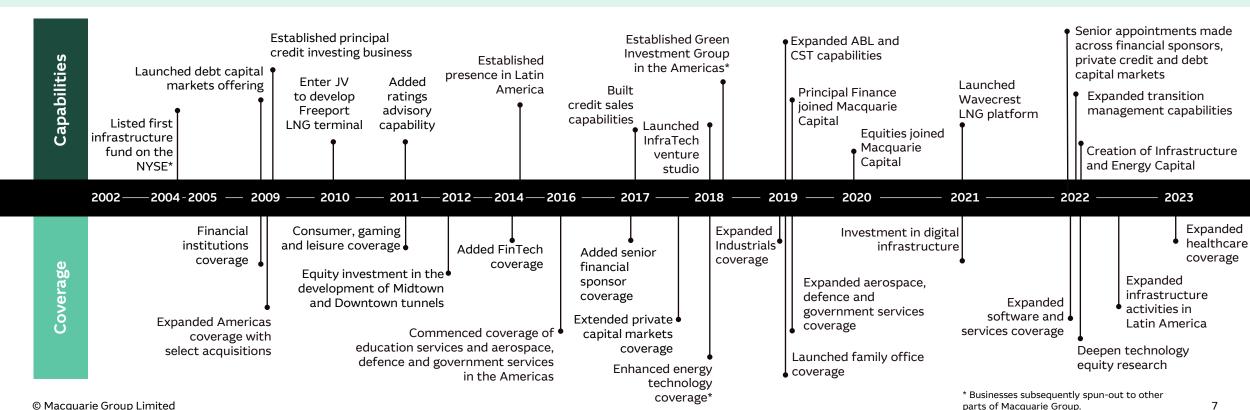
Provided credit to **fund GO Partner's acquisition** of an 858-unit portfolio across two luxury high-rise complexes



Equity **investment in Paylt**, a leading SaaS provider of government services and payments



Lead developer, equity sponsor and financial adviser to sponsors for the Pennsylvanian Major Bridge P3 Program



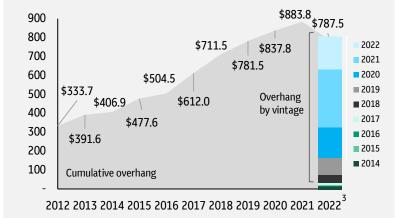
Opportunity of scale in the Americas

Strong market fundamentals and local government investment support position Macquarie Capital for substantial growth across our coverage, capital markets and principal activities



Underpinned by financial sponsors





10%

Annual growth rate in private equity M&A volumes 2012 to 2022²

30%

Americas fee revenue from financial sponsors¹

Attractive investment jurisdiction

New government stimulus packages in the US helping drive investment

\$US550b

New US government investment in infrastructure as part of Infrastructure Investment and Jobs Act⁴

\$US369b

Additional US government investment as part of Inflation Reduction Act⁵

Energy transition opportunities in Latin America

130GW

expected increase in Latin America renewable energy capacity from 2022 to 2027⁶

55%

of regional Latin America renewable capacity growth coming from Brazil⁶

^{1. 5-}year average to 2022. Source: Dealogic completed M&A, ECM, DCM and syndicated lending transactions fee revenue. Non-USD transactions converted to USD as at the relevant report date. 2. PitchBook US PE Breakdown, 2022 Annual. 3. As at 30 Sep 22. 4. The White House: Updated fact sheet: Bipartisan Infrastructure Investment and Jobs Act. 5. The White House: Inflation Reduction Act Guidebook. 6. IEA Renewables 2022.

Our approach in the Americas

Differentiated insight through deep sector understanding

- In the Americas, we are geared towards M&A activity with a weighting towards private capital through our focus on building long-standing relationships with financial sponsors
- We have evolved our focus from generalist to a specialist in areas of depth, allowing us to provide unique insights to clients
- Building expertise in sub-sectors leads to identifying adjacencies which Macquarie Capital has grown into, and will continue to do so

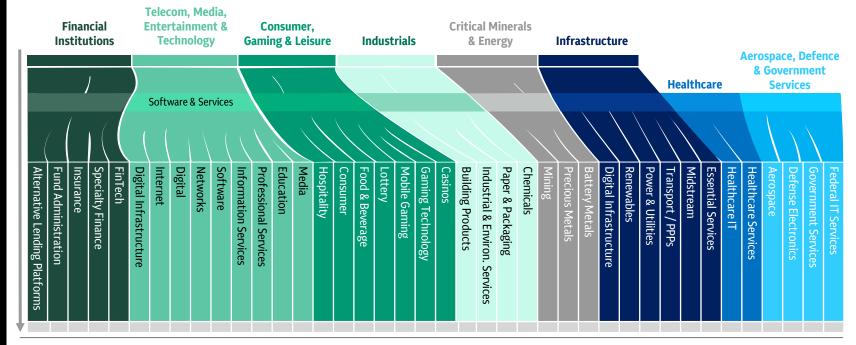
Financial sponsors offer significant market opportunity



~\$US53b Americas fee pool¹

~30% Americas fee revenue from financial sponsors¹

We've evolved Macquarie Capital in the Americas over the past 10 years, becoming sector specialists



With our clients and partners at the core of everything we do

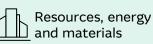
Across our key sectors, during YTD FY23



Technology, software and services



Infrastructure, real assets and energy transition





We met with 1,800+ clients2...



...resulting in over 50%

of fee revenue from repeat clients

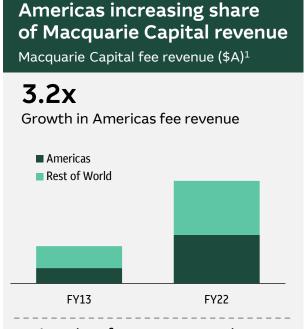
Connecting with our core client base

Private equity	Institutions & pension funds	Corporates
Entrepreneurs and management teams	Growth equity & venture capital	Government

^{1. 5-}year average to 2022. Source: Dealogic completed M&A, ECM, DCM and syndicated lending transactions. 2. Marketing meetings only, excludes transaction-related meetings

Growing in line with our strategy

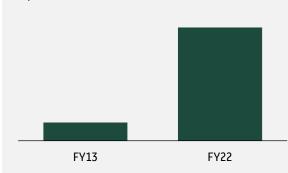
Our concentrated strategy on private capital and sectors of expertise is driving fee revenue growth in the Americas



 Americas fee revenue growing faster than other regions increasing Americas' share to over 47% of total Macquarie Capital fee revenue Relationships with financial sponsors driving fee growth

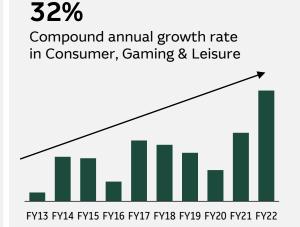
Macquarie Capital fee revenue (\$A)1

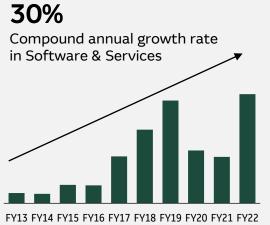
6.2xGrowth in fee revenue from financial sponsors in the US^{2,3}



 Significant expansion of our client coverage network increased fees from financial sponsors by 6.2x Our focus on sectoral depth delivering higher fee revenues and helping us identify adjacencies

Macquarie Capital fee revenue (\$A)1





10

- Targeted strategies in Consumer, Gaming and Leisure have driven significant revenue expansion
- Key hires allowed expansion into adjacent sectors, driving revenue growth in Software & Services
- While being leveraged to M&A activity means there will be year-to-year variability in our revenues, our fee advisory revenues are trending up

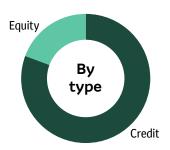
^{1.} Gross fee revenue, including ECM and DCM. 2. Excludes internal advisory transactions. 3. Transactions with private equity clients in the US, excludes fees under \$A5,000.

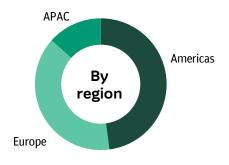
Consistently strong principal investment performance

Our private credit portfolio drives recurring revenue, while we benefit from the diversity of strong realisations on our equity portfolio

- Our sector expertise and relationships with financial sponsors allow us to leverage our principal capabilities to provide total solutions to clients
- Growth in our private credit portfolio provides a predictable revenue base through net interest margin
- Our investing experience continues to deliver attractive realisations on our equity investments

\$A20.6b Global Principal Portfolio¹





Private Credit

<0.3% 8

Average annual realised loss rate since portfolio inception²

8%+

Aggregate lifetime asset IRR on private credit portfolio³



~24%

Real Estate

Aggregate lifetime equity IRR⁴



Average hold period on equity investments⁵



Corporate Credit



Real Estate



Infrastructure



Private Equity

Equity

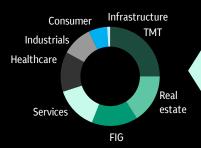


Growth & Technology



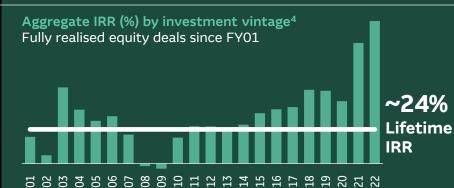
Venture Capital

Global Credit Portfolio by sector¹



Focus on core subsectors, such as:

- TMT, predominately tech enabled software and services
- FIG, predominately insurance brokers
- In its 14+ years since inception, our Principal Finance credit portfolio has averaged <0.3% in annual losses supported by predominately senior secured positions
- Yield-focus drives strong revenues with our risk management expertise minimising losses and enhancing returns



- Over the past 20+ years, we have used our principal investing expertise to build businesses and deliver consistent returns across our equity strategies
- The average hold period during the time was between 2 to 3 years, with a diversified range of investment strategies from tech investing to infrastructure development and real estate⁵

1. Commitments as at 31 Dec 22. 2. Volume-weighted annual average as at 31 Dec 22. 3. Volume-weighted cumulative IRR to 31 Dec 22. 4. Volume weighted cumulative IRR for fully realised equity investments to 31 Dec 22, including Green Investment Group transactions realised prior to 1 Apr 22. Presented in \$A based on realised deals over \$US5m up to 1H23. The figures do not include the payment of any fees, carry or costs incurred by Macquarie Capital in relation to the investment (such as due diligence costs). As returns are presented only for fully realised deals, more recent years show returns above trend due to their shorter term duration and a larger deployment yet to be realised. 5. For fully realised equity deals weighted by size and on a cash basis.

Our principal capabilities allow us to unlock value for clients

By investing alongside our clients, we offer unique and innovative solutions enabling them to capitalise on market opportunities

\$A16.7b global private credit portfolio



Corporate Credit \$A14.3b¹

- Private credit solutions to private equity portfolio companies and other corporates
- Leveraging our relationships with financial sponsors and our deep sector knowledge to identify opportunities and provide credit solutions to our clients
- Core sectors aligned with our coverage and capital markets businesses
- Yield focused, predominately with a senior secured position to enable better positioning for enforcement



Software

≥ daxko Health tech



Insurance brokerage



Insurance technology



- Targeted strategy in real estate across the capital structure
- Recent asset classes include multifamily and hospitality
- Financing solutions to fill gaps in the current lending market
- Stretch senior debt or junior capital sized at historical senior debt envelope



1. Based on global commitments as at 31 Dec 22.

Investment and development capital to build businesses and communities

Utilising our deep sector insights to find attractive equity opportunities and realisations

\$A3.9b global equity portfolio



Infrastructure \$A1.5b1 37 investments

Equities & Research

- Delivering infrastructure development capital across key themes:
 - Social and economic infrastructure
 - Digital infrastructure
 - **Energy transition**
- Established market in North America and Europe with significant expansion potential in Latin America and Asia



LNG











Control and Joint Venture investments leveraging relationships and specialised experience in residential, hospitality, and commercial projects





Hotel



- Control buyouts in areas of deep expertise alongside management teams, founders and clients
- Pursue organic and inorganic growth through additional funding









Telecom



- Focused growth equity in cash-flow generative tech-enabled services and software companies
- Working with emerging companies and financial sponsors to grow alongside them
- Deep domain expertise in core verticals



Government tech





payit

FinTech



Reg-tech







Venture Capital \$A0.2b1 12 investments

- Early-stage venture capital investing, focused on Australia, Israel, Europe and the UK
- Specialist expertise in Cyber Security, RegTech and HRTech

1. All amounts based on global commitments as at 31 Dec 22. Numbers are subject to rounding and may not reconcile.

Our approach to risk management is based on core risk management principles and culture

As a risk-taking business, risk management is core to our success

Within Macquarie Capital, we own the risks we take



- Macquarie Capital owns the decision and risk across all aspects of our business, considering both the risks of today and the future
- We are continuing to make investments to address the changing nature of risks, including in areas of emerging risk, especially non-financial
 - Adding to our specialist capabilities in areas such as Health and Safety, Environment, Anti-Bribery and Corruption, Cybersecurity and more
 - Delivering expertise across our own operations and with investee companies and projects

We seek to understand the worst case outcomes



- We bring our understanding of underlying fundamentals and apply it across all aspects of risk, but also to inform commercial decisions
 - Focus on business selection, as both an adviser and investor
 - Deep understanding of underlying industries and companies, based on fundamentals not seeking to trade on supply/demand
 - Within Macquarie Capital, like the Group, we match assets and liabilities

Risk Management Group provides independent oversight



- Like all the Operating Groups, Risk Management Group provides independent oversight
 - Macquarie Capital leads the due diligence and process of identifying, assessing and mitigating risk, with independent review from RMG throughout the transaction process and beyond

Our team and culture are our advantage

Our network, mindset and capabilities combine to create opportunities

Differentiated network

- We connect our clients, partners and counterparties with the broader capabilities of Macquarie Capital and the Group
 - Our culture is focused on collaboration and innovation, blending financial, operational and technical expertise

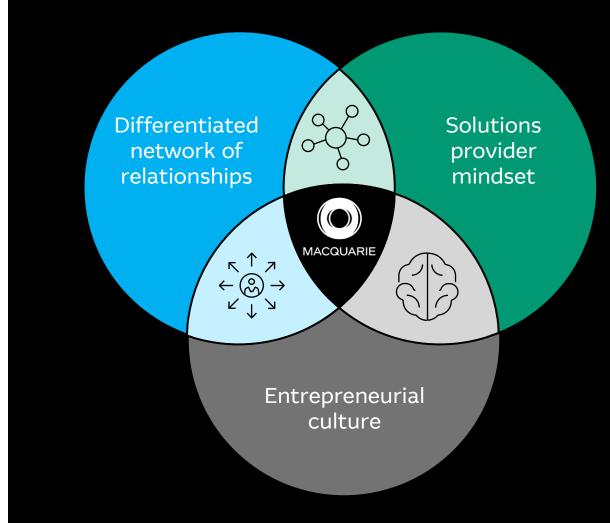
Solutions provider mindset

- We use our specialist advisory and principal capabilities to address our clients' biggest strategic priorities
 - The best outcomes are achieved when we combine multiple products and/or regions, or deliver the full Macquarie Group offering to our clients

Entrepreneurial culture

- Our teams are empowered to build businesses for our clients and the Group
 - We focus on delivering new growth opportunities. Macquarie Capital has been the crucible of many of Macquarie's most enduring businesses

This combination of culture and capabilities enables Macquarie Capital to attract and retain talent who seek the opportunity to address community needs and grow business



Delivering on our strategy

2021 Operational Briefing



Deep expertise in key transformative trends



Deep expertise:

- Continued activity around our focus areas
 - Private capital Over 65% of YTD FY231 Americas transactions involve a financial sponsor
 - Energy transition remain active post GIG transition, such as Aerogy developing and investing in renewable fuels
 - Tech-enabled innovation active as a capital provider and investor in technology across sectors

Geographic and adjacent expansion





Expansion:

- Growing presence in Latin America, with new offices in Chile and a growing team, pursuing infrastructure development opportunities
- Selective hiring to expand and add niches, such as healthcare services and supply chain software
- International ETF creation in equities

Entrepreneurial mindset





Mindset:

- Fostering a culture of innovation and collaboration, by connecting within Macquarie Capital and across the Group to deliver network benefits
- 86% of Macquarie Capital's staff believe Macquarie Capital's culture represents an entrepreneurial spirit

Flexible solutions for clients including principal capital





Flexible solutions:

- Significant opportunity in providing private credit to support clients, including financial sponsors
 - \$A1.7b deployed in private credit in the Americas YTD FY23¹
- Improving outcomes for communities through development of essential infrastructure improvements
 - Bridging Pennsylvania Partners, a consortium comprised of Macquarie Capital and S&B USA Concession, commencing design and construction on six bridges in critical need of replacement across the Commonwealth of Pennsylvania
- Investing in technology companies, with a focus on cash-flow generative tech-enabled services and software

1. Year-to-date 31 Dec 22. Converted to AUD at prevailing spot rate on date of transaction.

Today's roadmap

Our strategic positioning is consistent



The Americas is a huge growth opportunity for Macquarie Capital



We are specialised. Picking our spots and focusing where can offer differentiated insights



We bring the balance sheet to bear, allowing our targeted principal strategies to deliver strong outcomes and grow recurring income



Our staff and culture are what enables us to continue to collaborate and innovate

In today's agenda, you'll hear how we deliver this in practice in the region

Depth of coverage in industry expertise

David Berman and Sam Shah **Equities**

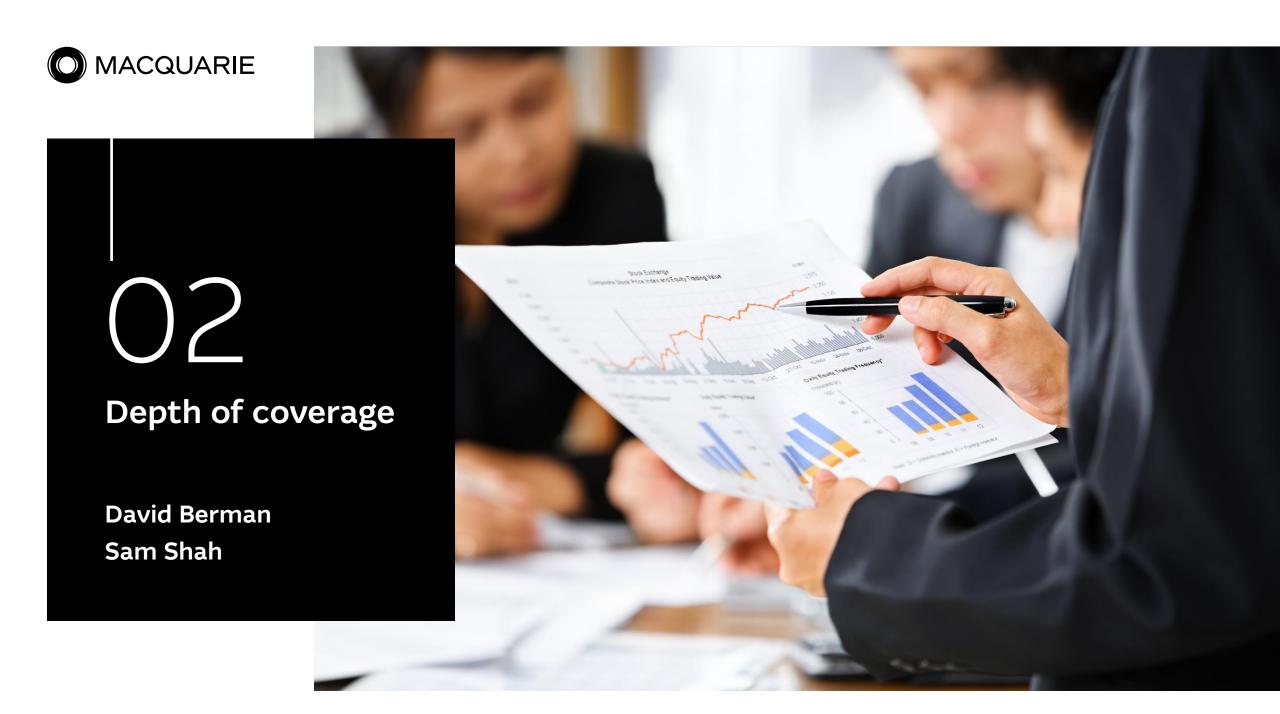
Miki Edelman

Private capital and financial sponsors

Tom Amster and Plern Bonython

Principal activities

Bill Eckmann, Larry Handen and John Pickhaver



Our approach is to create relevance to our clients

In addition to establishing deep expertise, we work to achieve the below. We find that combining all of this maximises relevance



Integrated approach to client coverage

 Seamlessly connect and collaborate across regions, products, teams and Operating Groups



Strategic, forwardlooking dialogue

- Long-term client coverage and relationships
- Build foundation for repeat business opportunities



Solutions provider

- Provide a principal perspective, find opportunities in aligning ourselves with our clients
- Be strategic with capital markets capabilities
- Provide solutions, not just services



New and converging sectors

- Remain nimble and respond to the environment
- Flexibly bring expertise from different areas together
- Balance core strengths with growth opportunities in adjacent niches



Culture of creativity & innovation

- Look for unique solutions
- Keep an entrepreneurial lens and look for new businesses
- Continued growth and outperformance

We leverage our M&A and idea driven model to meet client demand for integrated, full-service solutions

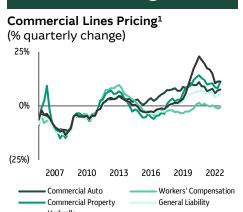
We are deliberate about our chosen niches

What deep expertise looks like

Examples of niches

of nic

Tailwinds and rationale



Insurance

brokerage

The North America insurance brokerage market is large, fragmented and consolidating with 3,000+ M&A transactions over the last five years driving non-organic growth²



Gaming and entertainment



Key gaming industry players have achieved strong recent performance and possess healthy balance sheets, allowing them to further pursue M&A and strategic initiatives



Government services



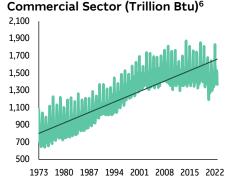
US Federal IT spending is forecasted to reach

\$US135b in 2023 with a 2021-2023 CAGR of 5.7%^{4,5}



Infrastructure / Core+

Total Energy Consumed by the Commercial Sector (Trillion Btu)⁶



The rapid growth of the EaaS market is bolstered by the long-term contractual nature (15-20 years) of the underlying energy asset concessions and public-private partnerships with high-quality credit counterparties



Education software



\$US30.75b

Education Stabilization Fund included as part of CARES Act⁷

\$US122b

included as part of the American Rescue Plan in Elementary and Secondary School Emergency Relief funds⁸

We have ample room to grow into new and appealing niches over the medium-term

1. The Council of Insurance Agents & Brokers Commercial Property / Casualty Market Index 3Q22. 2. S&P Global Market Intelligence. 3. American Gaming Association. 4. Analytics Perspectives: Budget of the US Government Fiscal Year 2023. 5. DoD IT and Cybersecurity Activities Budget Overview, FY23 Budget Request, May 2022. 6. US Energy Information Administration. 7. US Department of Education Office of Elementary & Secondary Education, Education Stabilization Fund. 8. The White House Fact Sheet: How The American Rescue Plan Is Keeping America's Schools Open Safely, Combating Learning Loss, And Addressing Student Mental Health, 11 Mar 22.

Enabling outcomes

We create flexible, client-focused solutions



Integrated approach to client coverage



Strategic, forwardlooking dialogue



Solutions provider



New and converging sectors











- Exclusive financial adviser to AUB
 Group Limited on its acquisition of
 Tysers, a leading London and Lloyd's
 wholesale broker, from Odyssey
 Investment Partners
- Co-ordinated a cross-border transaction across both M&A and equity funding, with deep connectivity and collaboration between Macquarie Capital's Sydney, London and New York teams
- Macquarie Capital Americas has advised on, financed or co-invested in transactions for 20+ insurance brokers and service providers since 2020 across advisory, capital markets and principal

- Long-standing and trusted partner
 to Light & Wonder (formerly known
 as Scientific Games) on its strategic
 transformation into a cross platform, content-led gaming
 technology leader through the
 - Lead financial adviser on the \$US6.05b sale of the lottery division (SG Lottery) to Brookfield Business Partners

divestiture of non-core assets:

- Financial adviser on the \$US800m sale of the sports betting business (OpenBet) to Endeavor Group Holdings, Inc.
- Since 2011, Macquarie has assisted Light & Wonder on seventeen advisory and capital markets transactions



- M&A adviser and led a senior secured debt financing through a principal investment to support a consortium of three financial sponsors on the acquisition of Logistics Management Institute (LMI): Capitol Meridian Partners, Declaration Partners, and 22C Capital
- Subsequently, supported LMI's acquisition of Synaptech with incremental debt capital



Bernhard

- Financial adviser to DIF Capital
 Partners in the acquisition of the
 largest privately-owned Energy-as a-Service (EaaS) solutions provider
 in the US
- Bernhard offers hospitals, higher education, government and other commercial entities with a turnkey end-to-end solution by managing energy system improvements.
 Focus on optimisation through energy efficiency, cost reductions and operational savings



- Exclusive financial adviser to Really Great Reading (RGR), a majority founder-owned business and VSS Capital Partners portfolio company, on its strategic partnership with The Vistria Group
- Clearly articulated and emphasised the social impact of RGR's scientifically-aligned literacy curriculum on K-12 students
- Given our continued leadership in advising impact-oriented K-12 curriculum software providers, the transaction was tailored to a targeted group of strategic and financial investors



Our US Equities focus areas

We have positioned our capability suite around three core areas where we believe we can be the most relevant to our clients



Overview **Equities & Research** Private Capital Principal Q&A Glossary Coverage

Our research approach

Head of

Technology

Research,

Americas

Our team brings deep specialisation, driving insights that encourage critical thinking. We look to understand eco-systems and focus on thematics over short-term price action

Senior

Analyst

Lifestyle &

Payments

Sector team heads



Beynon

US Director of Research Head of Gaming & Leisure





Hindlian-



Bowler



Nollen





Paul Golding





Frederick Havemeyer

Senior

Analyst Enterprise

Fd Tech

Software &

Key attributes:

- Domain experts bringing deep specialisation
- Focused on eco-systems & adjacencies
- Nimble and collaborative
- Deeply connected
- Leveraging our different experiences & backgrounds to drive thought leadership

Our research



Explore key consumer trends in mobile and online gaming, digital payments, leisure and fitness



Paul Golding appeared on CNBC Asia to discuss the outlook for SoftBank Group and the SoftBank Vision Fund





Software and technology touch nearly every aspect of the workplace, our Research analysts discuss the global trends they are seeing

Sarah Hindlian-Bowler appeared on CNBC to discuss the outlook for the technology sector



International ETF creation | redemption

Our US equities brokerage has launched an International ETF creation and redemption business where Macquarie acts as an Authorised Participant (AP). This opportunity leverages our strong global Program Trading (PT) capability and our APAC specialisation

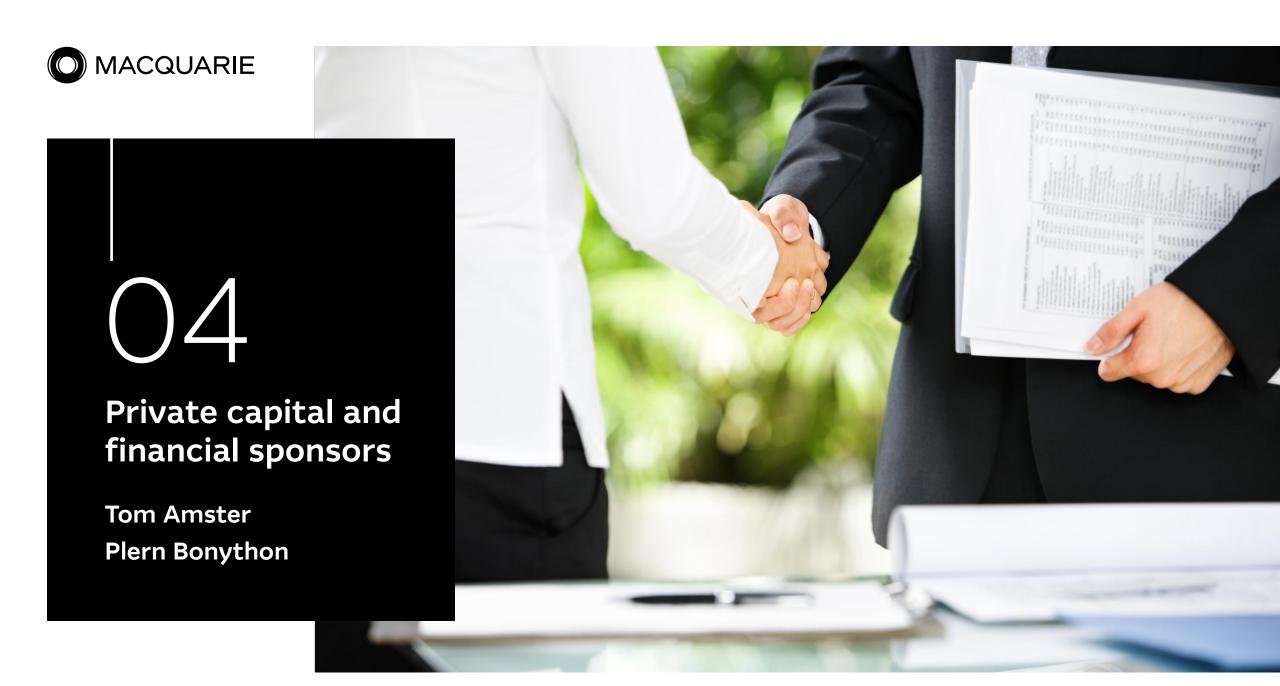
International ETF opportunity

- Access to quality execution in ETF underlying constituent baskets for orders in the primary market will continue to gain importance as international ETFs grow in popularity
- As more ETFs have APAC underlying components, our regional specialist trading capabilities are well-aligned to address client needs
- International ETFs offer our equities business an opportunity to pursue selected, adjacent growth
- We believe we are well-positioned to respond to the longer-term shift into international ETFs

Our value-added capabilities Solutions oriented Global PT network • Macquarie's customer centric International ETF creation and (®) approach, APAC footprint and **Global PT** redemption is a natural adjacent heritage, and balance sheet network growth opportunity to Macquarie's highly regarded strength enables us to be a global PT offering unique liquidity solutions Solutions provider oriented **MACQUARIE** Client **APAC** strength Client focus focus • Macquarie's AP business is • Our clients are our primary initially focused on US ETFs with focus. We do not have an **APAC** Asian underlying equities internal ETF market making strength leveraging our APAC strength desk, so we are able to provide clients with confidentiality • Our emerging market presence, around their trades heritage and capabilities address

© Macquarie Group Limited 25

the access needs of our clients



Private equity market opportunity

A majority of our activity relates to this large private market, with long-term growth and high transaction flow. Our integrated advisory, capital markets and private credit offering positions us well

\$US1,014b

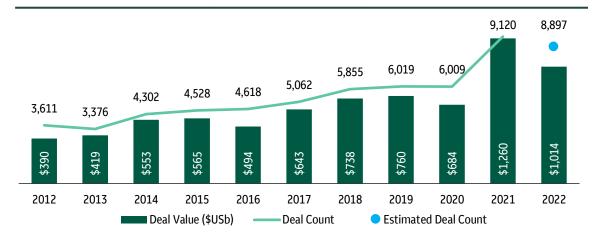
Estimated deal value for USdomiciled PE in 2022¹ \$US788b

Dry powder held by USdomiciled PE funds¹

\$US343b

Capital raised by USdomiciled PE in 2022¹

US private equity deal activity¹

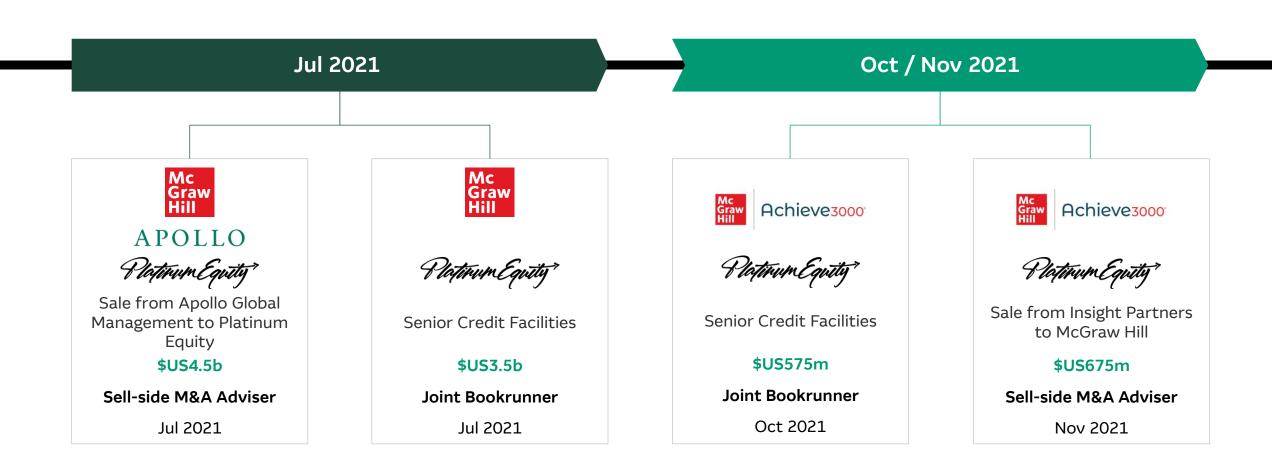


Opportunity for Macquarie Capital

- We follow the capital, providing advice and strategic capital to those industry verticals that are most important to our private equity clients
- Of the transactions closed by Macquarie Capital US in CY22, ~65% involved a financial sponsor
- Macquarie Capital acts as the overall relationship manager for Macquarie Group and, in that role, sources cross-divisional and cross-border opportunities
- Macquarie Capital is able to provide M&A advisory, capital markets and private credit solutions on a coordinated basis
- Deep industry expertise in targeted sectors has positioned Macquarie Capital for **repeat business** with portfolio companies and PE funds
- Our coverage of the larger US-headquartered sponsors benefits our global franchise. For example, we work with **US sponsors on global acquisitions**
- PE has found creative ways to deploy capital during 2022. We expect increased market activity in the second half of CY23 as financing markets stabilise and pressure to deploy equity and credit capital elevates

Case study: McGraw Hill Education

Private Equity uniquely provides a virtuous cycle of repeat transactions driven by incumbency and Macquarie Capital's skilled deal execution



Private Capital Overview Equities & Research Principal Q&A Glossary Coverage

Infrastructure private capital market opportunity

Trends & drivers



Fund inflows

Record capital raisings by infrastructure funds and growing allocations to alternatives by the largest investors







Widening aperture and sector convergence

As infrastructure sectors mature, growing capital supply pushes investment boundaries, increasing investor relevance in adjacent sectors



Energy transition

Low carbon energy system redevelopment bringing immense supply of opportunities and capital

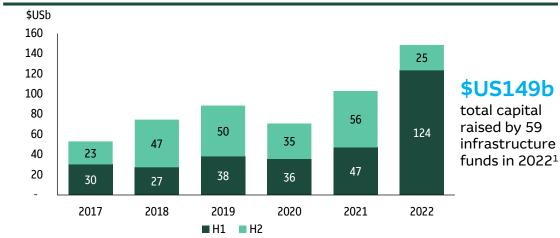


Inflation Reduction Act

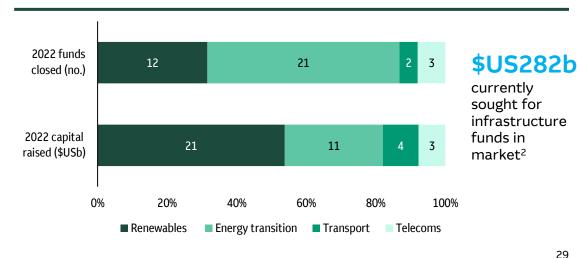
Game-changing climate & energy package providing tailwinds to accelerate long-term energy transition opportunities in the US

1. Data from Infralogic; Inframation 2022 Fundraising Report, As Another Record Falls Smaller LPs May Join the Fray. 2. Infrastructure Investor FY22 Fundraising Report (www.infrastructureinvestor.com).

Infrastructure funds have raised record amounts of capital in recent years, prompting a widening of their investment apertures to become important M&A participants across industry sectors¹



Renewables and energy transition continue to dominate sector-specific fundraising²



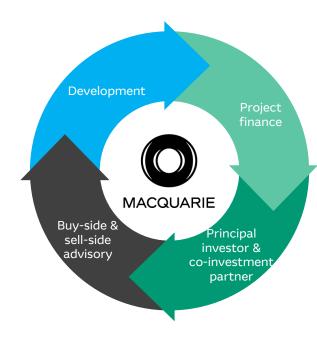
Unique coverage and opportunities in infrastructure private capital

After decades of leadership in all areas of infrastructure, our unique positioning and supportive long-term trends still provide material growth opportunities



Unique positioning with global investors

- Our relevance and credibility with this investor universe is unique. We act as advisers, investment partners and sellers of private assets
- This results in a depth of dialogue that is difficult to replicate, and continually enhances our leadership position in infrastructure advisory, investing and development
- Dedicated coverage of all elements of the infrastructure investor universe:
 - Multi-strategy infrastructure investors, dedicated infrastructure funds, sovereign wealth and pension funds, including the largest Canadian pension plans and Australian super funds





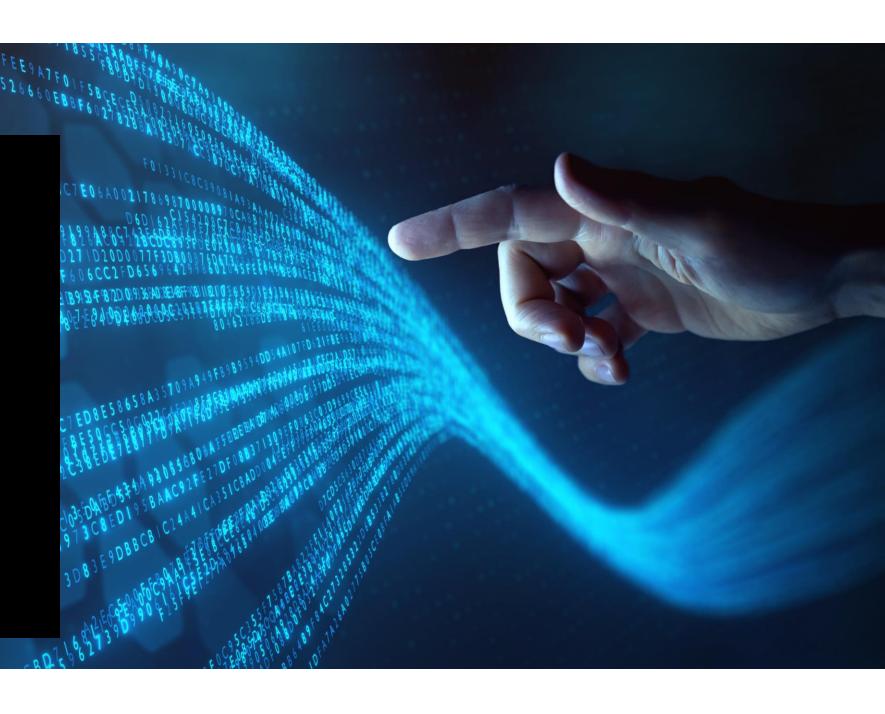
- PPP development (2015): Macquarie Capital successfully developed and financed the KentuckyWired PPP project, a 3,200 mile, \$US400m fibre optic network with the Commonwealth of Kentucky
- Partnering with long-term infrastructure investors (2015): At financial close, Macquarie Capital sold a significant portion of our stake in the PPP to an infrastructure sponsor
- Commercialisation (2020): Macquarie Capital launched the Accelecom business to commercialise excess capacity on the network under a 26-year exclusive arrangement with the Commonwealth of Kentucky
- Adviser (2022): Macquarie Capital served as financial adviser on capital raise and sourced an infrastructure sponsor as additional investor in Accelecom



05

Principal activities

Bill Eckmann Larry Handen John Pickhaver



Overview Coverage Equities & Research Private Capital Principal (Private Credit) Q&A Glossary

Private Credit overview

Significant opportunity in evolving landscape



Market opportunity

Private credit asset class continues to have a **high-growth tailwind** and **take market share**, while also exhibiting **better returns** and **lower defaults** compared to the rest of the credit market



Competitive environment

Established private credit platform which is closely integrated with Macquarie Capital industry teams focusing on financial sponsor clients



Disciplined approach to markets and risk

Strong risk culture with rigorous approach to deal selection and ongoing portfolio management



Proven track record¹

14 year history with <0.3% average annual realised losses. On average, senior team leaders have ~20yrs investing experience

With an integrated Private Credit business, Macquarie Capital is uniquely positioned for success

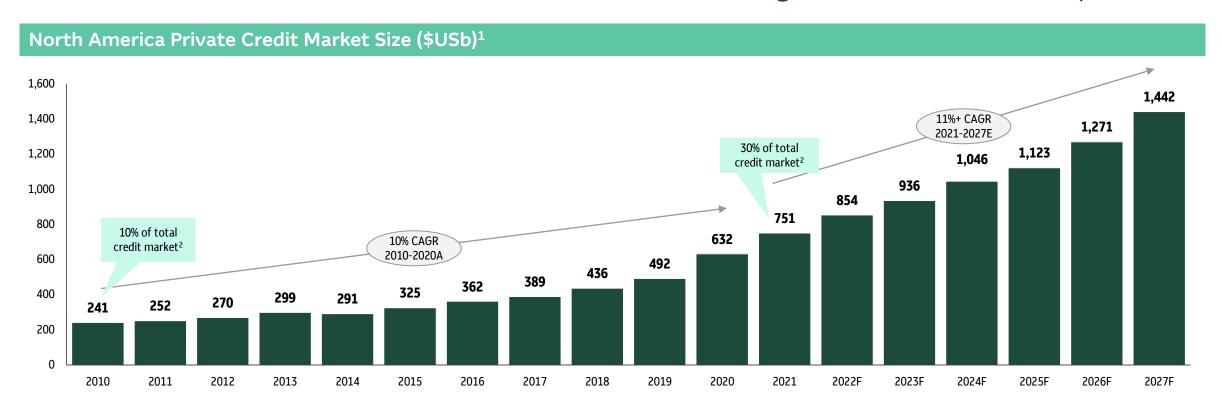


Overview Coverage Equities & Research Private Capital Principal (Private Credit) Q&A Glossary

Private Credit market evolution

Since the Global Financial Crisis, there has been significant growth of the Private Credit market. Financial sponsors and borrowers have become accustomed to private credit and its providers

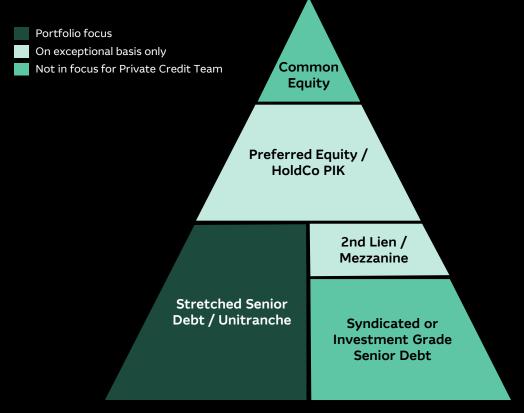
This market evolution from large bank backed syndicated lenders to Private Credit players has resulted in the North American Private Credit market forecast to grow to >\$US1.4tn AUM by 2027¹



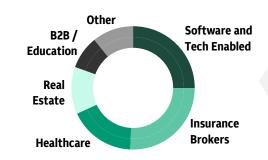
^{1.} Derived from data contained in Preqin Global Report 2023. 2. Blackstone Private Wealth Solutions, Private Credit's Rapid Growth: A Secular Trend, Apr 22; Total credit market defined as the aggregate of the high yield bond, senior loan, and private credit markets. Senior loans refers to broadly syndicated loans.

Private Credit portfolio composition¹

Predominantly senior secured leverage buyout debt with focus on defensive industry sectors

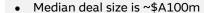


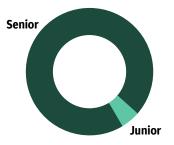




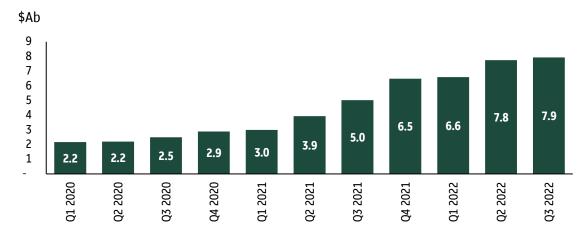
- Sector focus on niches with strong predictability and defensive characteristics - often overlapping with longstanding Macquarie Capital expertise
- Minimal Consumer, Materials or Energy exposure







Americas Private Credit portfolio size



Overview Coverage Equities & Research Private Capital Principal (Private Credit) Q&A Glossary

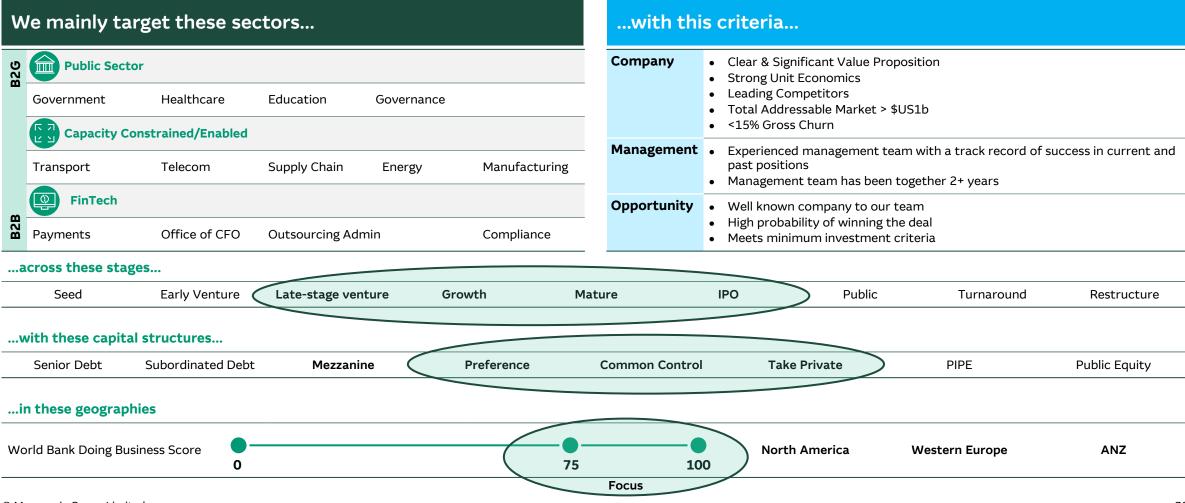
Private Credit's offering delivers strong risk adjusted returns

Our synergistic approach to credit solutions, with private credit and syndicated debt underwriting capability, enable multiple debt financing alternatives to sponsor clients

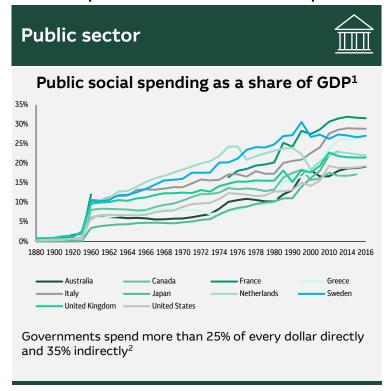
Integrated offering Case study WORLD Sponsor coverage Advisory | Charlesbank | Provided growth capital (debt + equity) to nascent insurance brokerage (2016) **MACQUARIE** Served as a sell-side M&A adviser in 2020 sale to Charlesbank (2020) • Offered staple financing and was selected lead agent by Charlesbank Principal on Unitranche facility that has since grown to >\$US1.7b (2020) **Syndicated** Finance credit

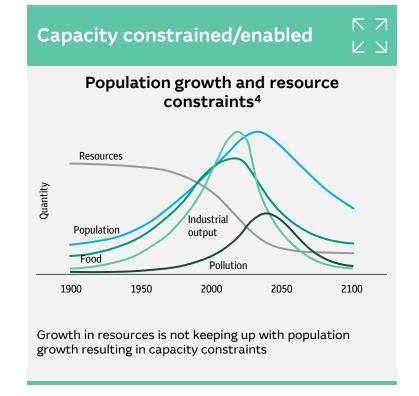
Macquarie Capital Growth & Technology

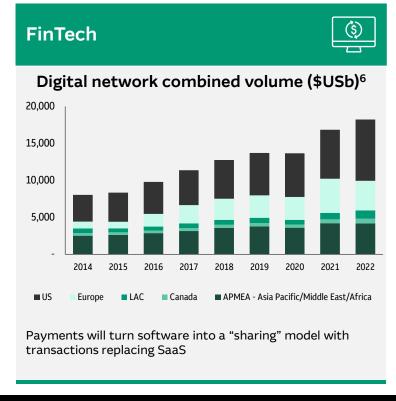
Growth-Oriented Asset-Light (GOAL) investments for tech companies serving businesses and the public sector



Our focus benefits from macro tailwinds and Macquarie's deep sector expertise







- Specialist education and government advisory practices
- No. 1 Global PFI/PPP Project Finance Volume by Financial Adviser³
- Investor, operator and adviser in 24 markets⁵
- Aligns with Macquarie Capital and Macquarie Asset Management focus in the infrastructure sector
- Deep expertise in natural resources and commodities across CGM, Macquarie Capital and MAM
- · Global financial group
- Innovative and award-winning digital and open banking solutions

37

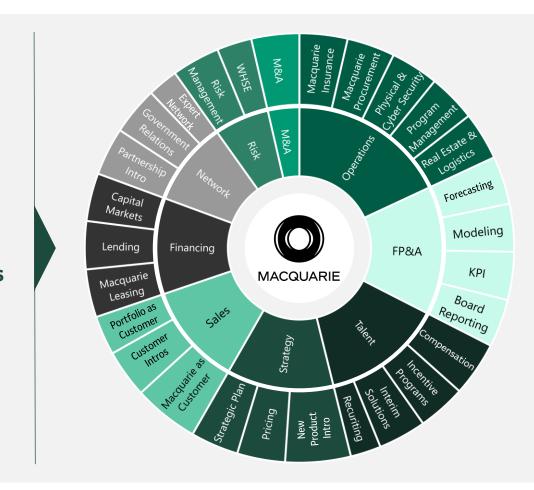
Why companies choose us

Focus, flexibility, scale, and post-transaction value-add are key to winning deals and generating strong returns

Competitive advantage

- We have deep domain expertise as investors, operators and advisers
- We are a **flexible** source of capital with regards to holding period and structure
- We can provide continuous support through proprietary financing capabilities across the capital structure
- The scale of Macquarie and its resources creates higher certainty for completing deals
- We have a global footprint presence with an extensive network of partners, operators, suppliers, advisers and prospects

Our value-added capabilities for portfolio companies



Select investments

Our deals increasingly cross multiple focus areas







Select investments

Procentrix IT modernisation for mission-critical workloads

Dovel Technologies customer focused software solutions¹

 $\textbf{StreetLight Data} \ transportation \ analytics \ on \ demand ^{1}$

Velosimo connecting the government tech landscape

TRITECH single source systems integration provider¹

Business Keeper compliance software¹

Unitek College online nursing colleges

Achieve3000 empowering educators¹

Select investments

Accelecom bringing digital fibre optic equity across Kentucky

Via public mobility solutions

J&J Ventures VGT route manager

Spot Hero pay and park with confidence

Overhaul real-time supply chain resilience

Atlas transportation & safety consulting¹

Form Energy utility grade energy storage

Select investments

Bluefin keeping payment data secure and customers happy

Autobooks provider of B2B invoicing to over 35,000 SMBs

Credit Karma financial projects for each step of life's journey¹

39

Strata hedge and PE fund administrative solutions¹

Ascensus provider of 401k and 529 admin services¹

Allovue K-12 budgeting and payments

PayIt government payments reimagined

Representative examples of current and former portfolio holdings where colours signify similar focus areas, i.e.

Government Education FinTech Capacity etc.

^{1.} Represents realised holding.

Case Study - Dovel Technologies, Inc.

Company overview:

Dovel is a leading technology solutions provider to US federal government agencies that blends deep domain expertise and advanced technologies in the health IT, life sciences, and grants management markets



Opportunity

- In May 2019, Macquarie Capital acquired a majority of the common equity of Dovel
- The acquisition enabled Dovel to achieve multiple objectives including the pursuit of organic and acquisitive growth opportunities, as well as expansion of Dovel's innovative suite of solutions, services and capabilities for new customers



Actions

- Accretive add-on acquisition
- Acquired new contract vehicle
- Recruited 5 new senior executives
- Changed reporting and incentive program
- Increased gross margin by improving recruiting and replacing contract labour with full time employees
- Reengineered business development process and organisation
- Sell-side M&A adviser in 2021 sale



Outcomes

- 200% increase in revenue
- 17% increase in gross margin
- 295% increase in EBITDA
- Multiple industry awards and recognition including Top 100 Places to Work and Government Contractor of the Year
- Dovel saw exceptional long-term growth prospects and business performance through COVID-19 and was acquired by Guidehouse in 2021

Outcome - PayIt



Company overview:

PayIt is a leading provider of modern, cloud-based software and integrated payments to state and local governments. Founded in 2013, PayIt allows governments to digitise critical public services, improve efficiency and revenue collections, and enhance citizen engagement



Opportunity





Actions

- Helped company extend use cases of existing product set
 Worked with company on improving
- Worked with company on improving time-to-use
- Reengineered the reporting and KPI metrics and processes at Board of Directors and Executive Committee level
- Sourced and are pursuing multiple acquisition candidates
- Helped the company recruit and interview 3 senior executives (Head of Product, Head of Sales, Chief Financial Officer)

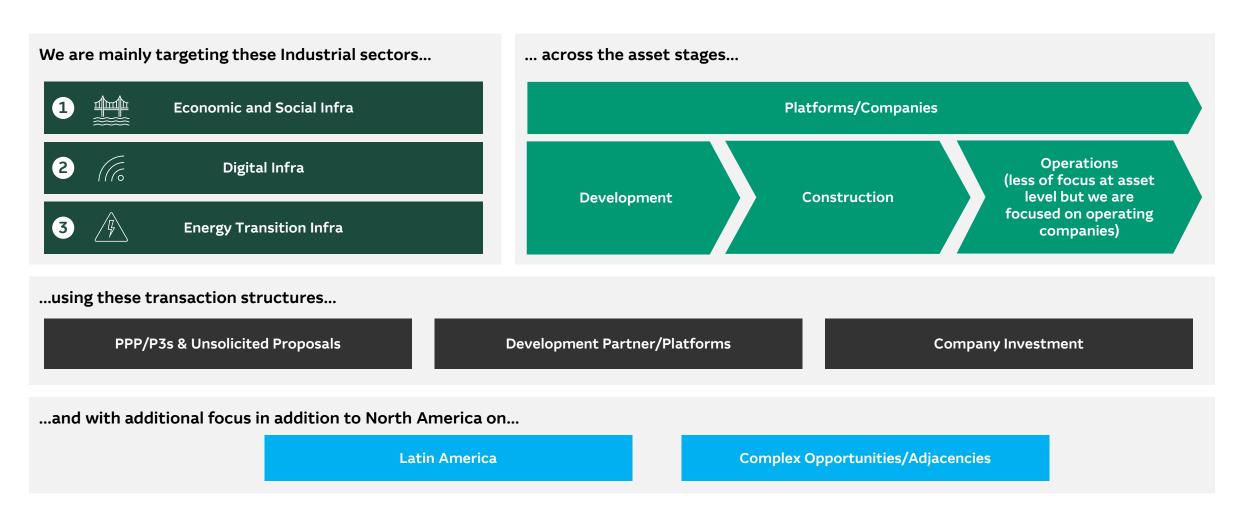


Outcomes

- Improved utilisation of key new clients 3x year-on-year
- Pipeline growth increased by 25%
- Multiple inorganic opportunities under consideration

Infrastructure & Energy Capital (IEC) business model

We invest across infrastructure sectors, asset stages and transaction structures



IEC capital deployment expected to continue based on market opportunities

We have aligned our business and expertise with key market drivers to enable growth

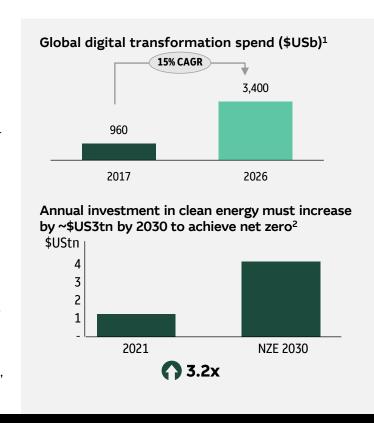
IEC market drivers

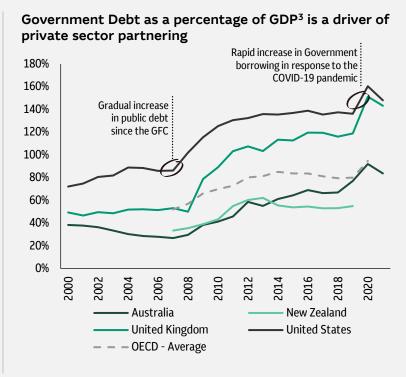
IEC is aligned with key market trends that need capital and development expertise

- Energy transition IRA driving renewed opportunities in renewable generation and fuels
- Digitisation and digital infrastructure community and corporate demand for capacity and storage with a focus on data centres and fibre
- Urbanisation and community infrastructure P3 market maturing for transport, particularly roads which is a focus
- Private capital availability, partnering appetite and demand for infrastructure and energy – partnering with Government and industrials

Specific catalysts exist that are tailwinds for IEC Americas

- Inflation Reduction Act (IRA) 2022
 - Encourages energy transition investments through spending and tax incentives
- Creating Helpful Incentives to Produce Semiconductors (CHIPS) and Science Act 2022
 - Incentives to catalyse domestic manufacturing of semiconductors and computer chips
- Latin America Infrastructure
 - OECD countries with growing demand for community infrastructure, particularly digital and energy with a focus on Chile, Colombia and Brazil





43

Well positioned to capitalise on growing demand for investment opportunities due to these market drivers

Key recent investment examples

IEC in the Americas is active in all of our areas of focus and regions

Social & Economic Penn Bridges Package 1 P3

Modernising Pennsylvania's crucial transportation infrastructure by finding sustainable funding options to address the state's growing highway and bridge funding gap.

Outcome: Macquarie Capital's consortium was selected to design, build, finance and maintain a set of 6 bridges based on experience, technical approach and qualifications.



Photo credit: Michael Baker International (MBI)



Digital Infrastructure Prime Data Centers

Supporting and investing in large-scale data storage in the Americas by bringing together custom solutions, sustainable power and world-class connectivity.

Outcome: Macquarie Capital entered into a strategic partnership with Prime and invested equity growth capital to support the platform's expansion.







Energy Transition Aerogy

Newly launched renewable fuels platform; the platform will support the reduction of emissions and transition to a lower carbon economy through investment in alternative energy solutions.

Outcome: Aerogy co-developed, closed financing and commenced construction on an anaerobic digestion facility, Zahn's Farm. The facility is anticipated to produce over 200,000 MMBTu of RNG per year.



4

Latin America Ruta Minera

Contract for the rehabilitation and improvement of the existing private industrial road in Chile – 137km road connects the Minera Escondida, the highest producing copper mine in the world, to Ruta 5, a key north-south axis in Chile.

Outcome: Macquarie Capital led consortium committed to a series of capital improvements, maintenance and operation of the road in a multi-year agreement. It is the first principal investment in Chile.





Closing and Q&A

Michael Silverton



What's next for Macquarie Capital in the Americas



Continued execution of our strategy of specialisation to capitalise on significant market opportunity

- Delivering on the opportunity from our existing platform focused around areas of specialism, including using our deep sector expertise to grow alongside existing clients and build on our focused niches with new clients and partners
- Pursue adjacent growth through selective hiring in areas that align with existing client base and global platform to build new niches and sub-sectors of market leadership, and regional growth into Latin America, led by infrastructure development capabilities
- Connecting our network in the Americas with the rest of the world, increasing the value of the network to clients and delivering benefits to the Group



Bring the balance sheet to bear in our targeted principal strategies

- Focused deployment in our core principal strategies, driving increased recurring revenue and attractive realisation potential
- Capitalising on integrated capabilities to deliver wholistic solutions to clients, communities and shareholders
- · Pursue significant opportunities in private credit, infrastructure development and technology investing



Our staff and culture of innovation and collaboration mean we are well-positioned to respond to long-term trends

- Benefitting from our culture of collaboration and innovation to allow us to maintain the flexibility to respond to changing market conditions and pursue emerging opportunities
- Leverage our expertise in "mega-trends" around themes such as tech-enabled innovation, the energy transition and ESG, supported by regulatory and legislative tailwinds in the US
- Invest in our people to continue to find growth opportunities as an innovation engine for the Group



Glossary

\$A / AUD	Australian Dollar
\$US / USD	United States Dollar
£ / GBP	Pound Sterling
€	Euro
1H23	Half Year ended 30 September 2022
3Q23	Three months ended 31 December 2022
ADI	Authorised Deposit-Taking Institution
ANZ	Australia and New Zealand
APAC	Asia-Pacific
APRA	Australian Prudential Regulation Authority
AUM	Assets under Management
В2В	Business to Business
BCBS	Basel Committee on Banking Supervision
bcf	Billion cubic feet
BFS	Banking and Financial Services
ССВ	Capital Conservation Buffer
CET1	Common Equity Tier 1
ССВМ	Commodities and Global Markets
CHIPS	The Creating Helpful Incentives to Produce Semiconductors (CHIPS) and Science Act of 2022
CIO	Chief Investment Officer
CLF	Committed Liquidity Facility
СМА	Cash Management Account
CO2	Carbon Dioxide
@ Macquario Grou	n Limited

CY	Calendar Year
DCM	Debt Capital Markets
DPS	Dividends Per Share
DRP	Dividend Reinvestment Plan
EaaS	Energy as a Service
EBITDA	Earnings Before Interest, Taxes, Depreciation and Amortisation
ECM	Equity Capital Markets
EMEA	Europe, the Middle East and Africa
EPS	Earnings Per Share
ESG	Environmental, Social and Governance
ETF	Exchange Traded Fund
EU	European Union
EUM	Equity Under Management
EV	Electric Vehicle
FCTR	Foreign currency translation reserve and net investment hedge reserve
FIC	Fixed Income and Currencies
FIG	Financial Institutions Group
FX	Foreign Exchange
FY	Full Year ended 31 March
FY23YTD	Nine months ended 31 December 2022
G10	Group of Ten
GDP	Gross Domestic Product
GFC	Global Financial Crisis

Glossary

General Partner
Gigawatt
Hectres
High Net Worth
High-voltage direct current
Inflation Reduction Act of 2022
Key Performance Indicator
Loss-Absorbing Capacity
Latin America
Liquidity Coverage Ratio
Limited Partner
Mergers and Acquisitions
Macquarie Capital
Macquarie Asset Management
Macquarie Bank Limited
Macquarie Energy, Renewables and Sustainability
Macquarie Group Limited
Macquarie Infrastructure Corporation
Million Tonnes Per Annum

MW	Megawatt
MWh	Megawatt Hour
NPAT	Net Profit After Tax
NPC	Net Profit Contribution
NSFR	Net Stable Funding Ratio
NZE	Net Zero Emissions
OECD	Organisation for Economic Co-operation and Development
P&L	Profit and Loss
PPE	Property, Plant and Equipment
RBA	Reserve Bank of Australia
ROE	Return on Equity
RWA	Risk Weighted Assets
SaaS	Software as a Service
SA-CCR	Standardised Approach (Counterparty Credit Risk)
TFF	Term Funding Facility
ТМТ	Technology, Media and Telecoms
UK	United Kingdom
US	United States
YTD	Year to date

