



## **Operational Briefing**

Presentation to Investors and Analysts

17 February 2015





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Unless otherwise specified all information is for the quarter ended 31 December 2014.



## Agenda

10.05 – 10.10	Introduction – Karen Khadi
10.10 – 10.30	Update since the interim result – Nicholas Moore
10.30 – 11.00	Commodities and Financial Markets (formerly FICC) – Andrew Downe
11.00 – 11.30	Energy Markets Division – Nicholas O'Kane
11.30 – 12.00	Banking and Financial Services – Greg Ward





Update since the Interim
Result Announcement
Nicholas Moore
Managing Director and Chief Executive Officer

## **About Macquarie**

## Building for the long term





Macquarie Asset Management (formerly Macquarie Funds)	<ul> <li>Top 50 global asset manager with \$A453.3b¹ of assets under management</li> <li>Provides clients with access to a diverse range of capabilities and products, including infrastructure and real asset management, securities investment management and tailored investment solutions over funds and listed equities</li> </ul>
Corporate and Asset Finance	<ul> <li>Global provider of specialist finance and asset management solutions, with \$A29.0b¹ of loans and leases</li> <li>Global capability in corporate and real estate credit investing and lending</li> <li>Expertise in asset finance including: aircraft, motor vehicles, technology, healthcare, manufacturing, industrial, energy, rail and mining equipment</li> </ul>
Banking and Financial Services	<ul> <li>Macquarie's retail banking and financial services business</li> <li>Provides a diverse range of personal banking, wealth management and business banking products and services to retail clients, advisers, brokers and business clients</li> </ul>
Macquarie Securities	<ul> <li>Global institutional securities house with strong Asia-Pacific foundations covering sales, research, ECM, execution and derivatives activities</li> <li>Full-service cash equities in Australia, Asia, South Africa and Canada with specialised offerings in US and Europe. Specialised derivatives offerings in key locations globally</li> <li>Key specialities: Infrastructure and Utilities, TMET, Resources (mining and energy), Industrials and Financial Institutions and Small-Mid Caps</li> </ul>
Macquarie Capital	<ul> <li>Global corporate finance capability, including M&amp;A, debt and equity capital markets, and principal investments</li> <li>Key specialities in six industry groups: Infrastructure, Utilities and Renewables; Resources (mining and energy); Real Estate; TMET; Industrials and Financial Institutions</li> </ul>
Commodities and Financial Markets (formerly Fixed Income, Currencies and Commodities)	<ul> <li>Provides clients with risk and capital solutions across physical and financial markets</li> <li>Growing presence in commodities (natural gas, LNG, NGLs, power, oil, coal, base metals, iron ore, sugar and freight)</li> <li>Predominant in US and Australia, niche offering in Canada and Latin America, growing presence in Asia and EMEA</li> <li>Specialities: commodities, Asian and emerging markets, high yield and distressed debt</li> </ul>

1. As at 31 Dec 14.



### 3Q15 Overview

- Since our 1H15 result announcement, trading conditions across the Group have continued to improve and there has been a continued weakening of the Australian dollar
- Macquarie's annuity-style businesses' (Macquarie Asset Management<sup>1</sup>, Corporate and Asset Finance and Banking and Financial Services) combined Dec 14 qtr net profit contribution<sup>2</sup> down on both a strong pcp (Dec 13 qtr) and prior period (Sep 14 qtr) which benefited from significant performance fees in Macquarie Asset Management and the sale of OzForex<sup>3</sup>
- Macquarie's capital markets facing businesses (Macquarie Securities, Macquarie Capital and Commodities and Financial Markets<sup>1</sup>) experienced improved trading conditions with combined Dec 14 qtr net profit contribution up significantly on both pcp and the prior period

## 3Q15 Overview: Annuity-style businesses





Operating Group	Market positions	Developments since 1H15			
Macquarie Asset Management	Top 50 global asset manager, Australia's largest global asset manager, top five global insurance manager World's largest manager of infrastructure and second largest manager of pension fund assets invested in alternatives¹ Awarded 8 Lipper Awards² in 2014 across the US and Europe, including Lipper's Excellence in Funds Management Award for Delaware Extended Duration Bond Fund Multiple strategies recognised with industry awards² in 2014, including Best International Equities Fund³, Best Global Equities — Regional and Emerging Markets⁴, Best Asia Pacific Equity ex-Japan manager over 3 years⁵, Best Hedge Fund Single Manager long-term performance⁶ and Best Country (HK) ClO of the Year² Macquarie Professional Series awarded 2014 Professional Planner/Zenith Product Distributor of the Year, 6th consecutive year²	- Invested \$A0.9b of equity including infrastructure in the UK, US, Korea and India, agriculture in Brazil and real estate			
Corporate and Asset Finance	Leading market participant in bespoke primary lending across US, Europe and Australia; niche acquirer of secondary loans on an opportunistic basis     One of the largest providers of motor vehicle finance in Australia     The largest deregulated traditional and smart meter provider in the UK with more than 7 million meters	<ul> <li>Continued growth in the lending and asset portfolios to \$A29.0b at Dec 14 up 5% on Sep 14 due to business growth and FX</li> <li>Portfolio additions of \$A0.9b in corporate and real estate lending across all geographies</li> <li>Provided financing and asset management solutions for more than 500,000 smart phones</li> <li>The Energy Leasing business continued its key funding role in the rollout of smart meters throughout the UK</li> <li>Divested interest in the US Rail business</li> <li>Strong securitisation activity of \$A1.3b</li> </ul>			
Banking and Financial Services	Macquarie Life awarded five star status by Beaton Research, for the 7th consecutive year     For the 2nd consecutive year Macquarie ranked No.1 in the Brokers on Non-Majors 2014 survey by Australian Broker     No.1 Cash and Term Deposits at the Core Data SMSF Service Provider Awards 20148     Lender of the Year (Tier 2) at the 2014 Mortgage Choice national conference, for the 2nd consecutive year	<ul> <li>Australian mortgage portfolio \$A22.3b at Dec 14 up 13% on Sep 14, which represents 1.6% of the Australian mortgage market</li> <li>Macquarie platform assets under administration \$A43.2b at Dec 14 up 4% on Sep 14</li> <li>Added international listed securities and domestic fixed income securities as investment options on Macquarie Wrap</li> <li>Macquarie Life Inforce risk premiums \$A215m at Dec 14 up 4% on Sep 14</li> <li>Average business banking deposit and loan volumes at Dec 14 up 3% and 8% on Sep 14 respectively</li> <li>Total retail deposits of \$A35.7b at Dec 14 up 1% on Sep 14</li> </ul>			

<sup>1.</sup> Assets under management, Towers Watson Global Alternatives Survey 2014, 2. For more information about these awards, their methodologies, and other important information about these awards, visit: <a href="https://www.macquarie.com.au/mg//au/mf//im/nabout-us/awards">https://www.macquarie.com.au/mg//au/mf//im/nabout-us/awards</a>.
3. Arrowstreet Global Equities in the Macquarie Professional Series: Professional Planner/Zenith Best International Equities Fund – Global; Smart Investor Blue Ribbon Best International Large Cap. Hung Amagement Fund Management Fund Managem

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## 3Q15 Overview: Capital market facing businesses

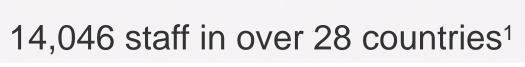




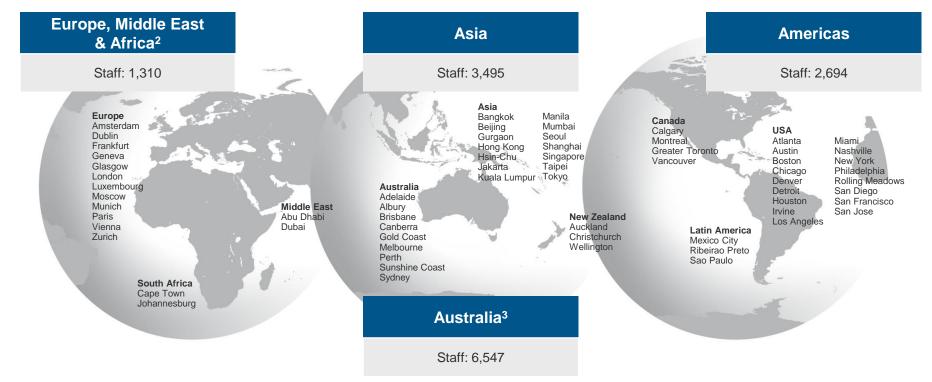
Operating Group	Market positions	Developments since 1H15
Macquarie Securities	Global execution and distribution capabilities, with the leading institutional broker franchise for Australian equities     No.1 market share for Australia / New Zealand IPOs by number of deals and value¹     Awarded Trade Asia award for excellence in Algorithmic trade execution for the 3rd consecutive year for Asian based clients, along with the best local brokerage award for trading and execution in the Australian market     Maintained equal 1st place in the 2014 Peter Lee Survey² for Australian Institutional Investors into Australian equities	<ul> <li>ECM activity continues to be strong in Australia, with notable deals including the Medibank Private, Aconex and oOh!media IPOs, and secondary offerings from APA, Duet and SM Prime in the Philippines</li> <li>Secondary market commissions up 7% on prior period</li> <li>Secondary market share 9.9%³ in Australia in 3Q15</li> <li>Launched Malaysia Structured Warrants in Oct 14, gaining No.1 market share³ and establishing Macquarie as a leading issuer in Asia by coverage</li> <li>Hong Kong Exchange launched the Shanghai-Hong Kong Stock Connect link in Nov 14 allowing international clients to trade eligible China A-shares</li> </ul>
Macquarie Capital	No.1 in Australia for announced and completed M&A deals <sup>4</sup> No.2 in Australia for ECM deals <sup>5</sup> Best Equity House Australia <sup>6</sup> Best Deal Australia – Healthscope IPO <sup>7</sup> Best Deal Singapore – Frasers Centrepoint's acquisition of Australand Property Group <sup>8</sup> Infrastructure Deal of the Year Europe – Mersey Gateway <sup>9</sup> Best Road/Bridge/Tunnel Project & Projects Grand Prix USA – Freeport LNG <sup>10</sup>	<ul> <li>ANZ – Joint Lead Manager on the \$A5.7b IPO of Medibank Private, the largest Australian IPO in 2014, and the second largest Australian IPO ever</li> <li>Asia – Adviser to State Grid Corporation of China on the €2.1b acquisition of a 35% interest in CDP RETI, the holding company of leading Italian regulated utilities, Terna and Snam</li> <li>Canada – Advised Cardinal Energy Ltd in relation to a \$C233m oil production asset acquisition in the Wainwright area of Alberta</li> <li>EMEA – Adviser to Dart Energy Ltd on its acquisition by IGas Energy Plc for £117m</li> <li>US – Adviser to Freeport LNG on its landmark \$US11b equity and debt raising to project finance its LNG export facility in Texas</li> </ul>
Commodities and Financial Markets	Ranked No.3 US physical gas marketer in North America <sup>11</sup> Commodity Business Awards <sup>12</sup> winner Commodity House of the Year 2014 Excellence in Agriculture & Softs – 5th consecutive year No.2 overall market share in ASX24 Futures <sup>13</sup>	<ul> <li>Increased volatility in oil and gas prices generated increased customer activity across the energy platform</li> <li>Stronger client flows in foreign exchange due to increased market volatility</li> <li>Realisation of a contractual benefit from the Energy Markets Division's involvement in the initial marketing and setup of the Freeport LNG Terminal</li> </ul>

7. The Asset (Nov 14), 8. FinanceAsia (Dec 14), 9. PFI (Dec 14), 10. Partnerships Bulletin (Oct 14), 11. Platts Q3 CY14, 12. Presented by Commodities Now Magazine, 13. ASX24 Futures volumes for CY14.

<sup>1.</sup> Dealogic CY14. 2. Peter Lee Associates 2014 Survey of Australian Institutional Investors. 3. Local exchange by turnover. 4. Dealogic, Thomson, Bloomberg CY14 (by number of deals). 5. Dealogic, Thomson CY14 (by value and number of deals). 6. FinanceAsia (Dec 14).

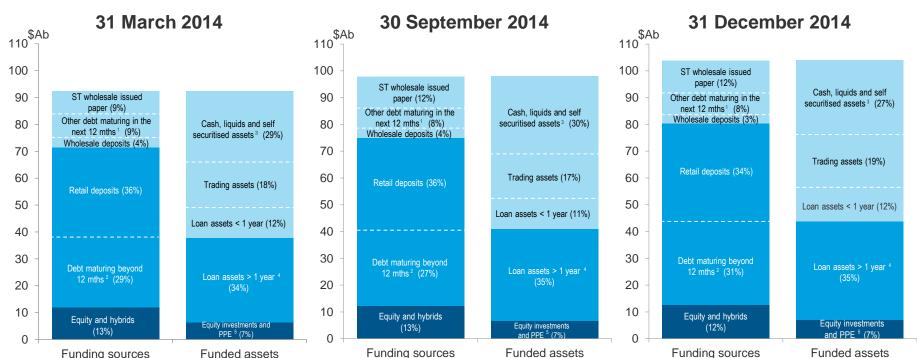








## Funded balance sheet remains strong



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## Regulatory update

- In Aug 14, APRA issued its final rules for Conglomerates with the implementation timing dependent on the
  outcomes of the Financial System Inquiry. We continue to work through the application of these rules with
  APRA, however, our current assessment is that Macquarie has sufficient capital to meet the minimum APRA
  capital requirements for Conglomerates
- Based on finalised BIS leverage ratio requirements released in Jan 14, the Bank Group is well in excess of the currently proposed Basel III 3% minimum, with an estimated 5.9%<sup>1</sup> leverage ratio
  - The leverage ratio applies to the Bank Group only
  - APRA published draft standards relating to the leverage ratio in Sep 14 and is currently undertaking industry consultation regarding its final form
  - APRA has not implemented a minimum leverage ratio requirement at this stage
- Liquidity Coverage Ratio (LCR) requirements came into effect on 1 Jan 15. With its Committed Liquidity Facility (CLF) allocation in place, the Bank Group's LCR was in excess of 120% as at 31 Dec 14

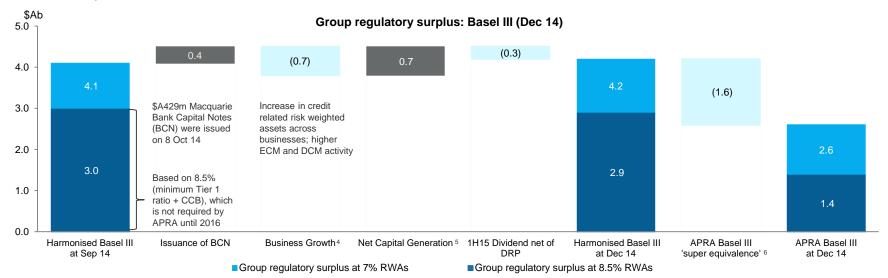
1. As at 31 Dec 14.





## Basel III capital position

- APRA Basel III Group capital at Dec 14 of \$A14.3b, Group surplus of \$A1.4b (1 Jan 16 requirements<sup>1</sup>), \$A2.6b (existing requirements<sup>2</sup>)
- Bank Group APRA Basel III CET1 ratio: 9.0%; Tier 1 ratio: 10.4%
- Bank Group Harmonised Basel III CET1 ratio: 10.9%; Tier 1 ratio: 12.3%<sup>3</sup>



<sup>1.</sup> Calculated at 8.5% RWA including capital conservation buffer (CCB), per the 1 Jan 16 minimum requirements in the APRA Prudential Standard APS 110, 2. Calculated at 7% RWA, per the internal minimum Tier 1 ratio of the Bank Group. 3. 'Harmonised' Basel III estimates are calculated in accordance with the BCBS Basel III framework. 4. Includes the net impact of hedging employed to reduce the sensitivity of the Group's capital position to FX translation movements. 5. Includes 3Q15 P&L and other movements in capital supply. 6. APRA Basel III 'super-equivalence' includes the impact of changes in capital requirements in areas where APRA differs from the BCBS Basel III framework and includes full CET1 deductions of equity investments (\$A0.7b); deconsolidated subsidiaries (\$A0.4b); DTAs and other impacts (\$A0.5b).





### Short term outlook

- Summarised below are the outlook statements for each Operating Group
- FY15 results will vary with market conditions, particularly the capital markets facing businesses

	Net profit contribution					
Operating Group	FY07 – FY14 historical range	FY07 – FY14 average	FY14	FY15 outlook as announced in Oct 14 <sup>1</sup>	Update to FY15 outlook	
Macquarie Asset Management	\$A0.3b - \$A1.1b	\$A0.7b	\$A1.1b	Up on FY14	No change	
Corporate and Asset Finance	\$A0.1b - \$A0.8b <sup>2</sup>	\$A0.4b	\$A0.8b	Broadly in line with FY14	Up on FY14 due to improved trading conditions and gain on business disposal	
Banking and Financial Services	\$A0.1b - \$A0.3b <sup>3,4</sup>	\$A0.2b <sup>4</sup>	\$A0.3b <sup>4</sup>	Up on FY14	No change	
Macquarie Securities	\$A(0.2)b - \$A1.2b	\$A0.4b	\$A0.1b	Down on FY14	No change	
Macquarie Capital	\$A(0.1)b - \$A1.6b	\$A0.5b	\$A0.3b	Up on FY14	No change	
Commodities and Financial Markets	\$A0.5b - \$A0.8b	\$A0.6b	\$A0.7b	Broadly in line with FY14	No change	
Corporate		tio to be consister t mix of income, c		al levels t FY15 tax rate to be slightly o	down on FY14	

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### Short term outlook

- While the impact of future market conditions makes forecasting difficult, we expect the FY15 combined net profit contribution<sup>1</sup> from operating groups to be up significantly on FY14, more than offsetting the FY14 realised gain relating to the SYD distribution
- The FY15 tax rate is currently expected to be slightly down on FY14
- Accordingly, as we advised the market in January 2015, the Group's result for FY15 is expected to be up 10–20% on FY14, with current conditions likely to result in this being at the upper end of the range, subject to the completion rate of transactions and the conduct of period end reviews
- Our short term outlook remains subject to a range of challenges including:
  - Market conditions
  - The impact of foreign exchange
  - The cost of our continued conservative approach to funding and capital
  - Potential regulatory changes and tax uncertainties

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### Medium term

- Macquarie remains well positioned to deliver superior performance in the medium term
- Deep expertise in major markets
- Build on our strength in diversity and continue to adapt our portfolio mix to changing market conditions
  - Annuity-style income is provided by three significant businesses which are delivering superior returns following years of investment and recent acquisitions
    - Macquarie Asset Management, Corporate and Asset Finance and Banking and Financial Services
  - Three capital markets facing businesses well positioned to benefit from improvements in market conditions with strong platforms and franchise positions
    - Macquarie Securities, Macquarie Capital and Commodities and Financial Markets
- Ongoing benefits of continued cost initiatives
- Strong and conservative balance sheet
  - Well matched funding profile with minimal reliance on short term wholesale funding
  - Surplus funding and capital available to support growth
- Proven risk management framework and culture

## Approximate business Basel III Capital & ROE

30 September 2014



Approx. 8-Year Average Return on Ordinary <u>Equity</u><sup>2</sup>

 $20\%^{3}$ 

Approx. 8-Year Average Return on Ordinary Equity<sup>2</sup>

15%-20%

Operating Group	APRA Basel III Capital <sup>1</sup> @ 8.5% (\$Ab)	
Annuity-style businesses	6.2	
Macquarie Asset Management	1.9	
Corporate and Asset Finance	2.8	
Banking and Financial Services	1.5	
Capital markets facing businesses	4.5	
Macquarie Securities	0.5	
Macquarie Capital	1.3	
Commodities and Financial Markets	2.7	
Corporate and Other	1.1	
Legacy Assets	0.3	
Corporate	0.8	
Total regulatory capital requirement @ 8.5%	11.8	
Comprising: Ordinary Equity	10.1	
Hybrid	1.7	
Add: Surplus Ordinary Equity	1.4	
Total APRA Basel III capital supply (excluding BCN <sup>4</sup> )	13.2	

<sup>1.</sup> Business Group capital allocations based on allocations as at 30 Jun 14. 2. NPAT used in the calculation of approx. annualised ROE is based on Operating Group's net profit contribution adjusted for indicative allocations of profit share, tax and other corporate expenses. Accounting equity is attributed to businesses based on regulatory capital requirements. 8-year average covers FY07 to FY14, inclusively. 3. CAF excluded from 8-year average as not meaningful given the significant increase in scale of CAF's platform over the 8-year period. 4. Excludes \$A429m of BCI sissued on 8 Oct 14.

Approx. 1H15 Return on Ordinary Equity<sup>2</sup>

24%





## Medium term

MAM	<ul> <li>Annuity-style business that is diversified across regions, products, asset classes and investor types</li> <li>Diversification of capabilities allows for the business to be well placed to grow assets under management in different market conditions</li> <li>Well positioned for organic growth with several strongly performing products and an efficient operating platform</li> </ul>
CAF	<ul> <li>Leverage deep industry expertise to maximise growth potential in loan and lease portfolios</li> <li>Anticipate further asset realisations at attractive return levels</li> <li>Funding from asset securitisation throughout the cycle</li> </ul>
BFS	<ul> <li>Build on successful intermediary and white label partnerships to continue growing third party distribution in personal banking and wealth management</li> <li>Investing in new technology and digital presence to enhance service offering to clients</li> <li>Opportunities to increase financial services engagement with business banking clients</li> </ul>
MSG	<ul> <li>Highly leveraged to any improvement in market conditions and return of investor confidence</li> <li>Well positioned for recovery in Asian retail derivatives, cash equities and ECM</li> <li>Monetise existing strong research platform</li> </ul>
МасСар	<ul> <li>Can expect to benefit from any improvement in M&amp;A and ECM market activity</li> <li>Continues to align the business offering to current opportunities and market conditions in each region</li> </ul>
CFM	<ul> <li>Opportunities to grow commodities business, both organically and through acquisition</li> <li>Development of institutional coverage for specialised credit, rates and foreign exchange products</li> <li>Increase financing activities</li> <li>Growing the client base across all regions</li> </ul>





## Commodities and Financial Markets (CFM) Formerly Fixed Income, Currencies and Commodities

**Andrew Downe Group Head** 



## Commodities and Financial Markets (CFM)



CFM provides clients with risk and capital solutions across physical and financial markets

## CFM provides clients with risk and capital solutions across physical and financial markets





#### COMMODITIES

PHYSICAL & FINANCIAL

#### FINANCIAL MARKETS

PRIMARY & SECONDARY

Energy Markets Metals, Mining & Agriculture

Fixed Income & Currencies

Credit Markets

**Futures** 

Central

## We provide products and services to clients exposed to commodities and financial markets





Client need	Macquarie offering		
Price risk management	Financial hedging		
Capital	Provide finance		
Commodity supply/Logistics	Physical execution		
Access to markets	Access to market pricing		

- Corporate clients exposed to price changes in commodities, currencies and credit markets
- Producers, consumers and trading companies buying and selling commodities and freight

## Our customers

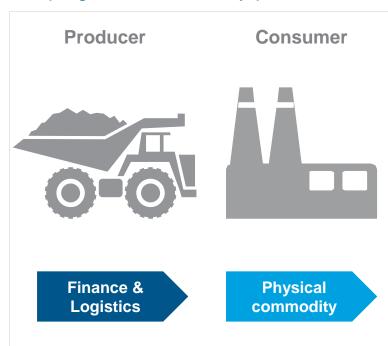
- Clients optimising capital through loan facilities and tailored finance solutions
- Developers and owners of assets seeking project finance and asset management solutions
- Pension funds, hedge funds, trading desks seeking access to markets and prices

#### Example of what CFM does

## Commodities



#### Helping Bulk Commodity producers manage working capital and price exposures



A Bulk Commodity producer needs working capital

#### **Financing**

Macquarie provides finance by pre-paying for the future delivery of the physical product

The producer needs price certainty

#### **Risk management products**

Macquarie provides hedging to protect the producer from falling commodity prices

Utility customers need to purchase product for their plant

#### **Physical execution**

Macquarie leverages its logistics expertise and delivers the physical product to the utility

#### Example of what CFM does

### Financial markets





#### Taking 20+ years experience in Australian securitisation markets to the UK since 2010



Property investors approach Paragon, a UK specialist lender, for finance to purchase investment housing

#### Warehousing

Macquarie provides funding to Paragon via a warehouse facility

Institutional investors are looking to invest their money

#### **Securitisation**

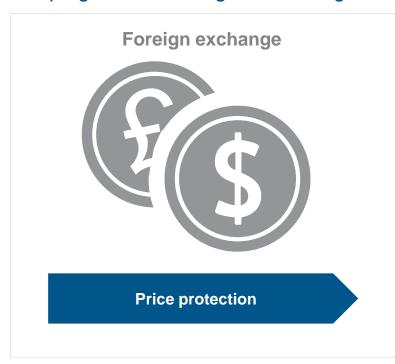
Macquarie pools the mortgages financed in the warehouse and then structures bonds to sell to institutional investors

### Example of what CFM does

## Financial markets



#### Helping clients manage their foreign exchange exposures



A private equity firm participates in an auction to purchase a business in a foreign jurisdiction

#### **Financial hedging**

Macquarie provides protection against fluctuating exchange rates from bid submission until financial close

## CFM's platform has evolved over more than 30 years





Started commodities platform

Futures execution and clearing

Foreign exchange

Metals & Energy Capital

Debt capital markets and interest rates Ag Structured
Finance – finance
into small and
medium sized
producers

Energy Markets and derivatives business

Structured Commodity Finance

Ethanol trading JV

Established Macquarie Futures USA

Corona acquisition

Acquisition of Integrys wholesale electronic marketing and trading portfolio

Physical base metals

Physical oil

Asian markets

Commercial mortgage finance & CMBS

Futures Canada

Commodity Investor Products

1980s 1999 2001 2002 2003 2005 2006 2007 2008 2009 2010 2011 2012/13

Acquired Australian assets of **Bankers Trust** (Australia, US, Brazil)

Agricultural derivatives

Brazil office

Metals and Cook Inlet
Energy Capital acquisition
(Houston) (natural gas)

Physical power business (Houston) Acquisition of Constellation gas trading operation

Credit Trading (US)

Physical coal trading

Expansion of US

futures clearing

platform

Pulp & paper

Iron ore

LNG

Latin American physical oil markets

Canadian crude oil markets

China

2014

Uranium

## Global reach: 24-hour market coverage



**AMERICAS** 

**45% OF TOTAL** 



#### **EMEA**

- Full complement commodities offering, including Middle East
- Building up coverage of financials

#### ASIA

 Building up coverage of financials and commodities

#### ANZ

 Full complement of services across commodities and financials

#### **AMERICAS**

 Full complement of services across commodities and financials

Staff numbers as at 31 Dec 14.

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### CFM's business is diverse



## CFM's commodities income reporting has been enhanced to provide more insight



	1H15 \$Am	2H14 \$Am	1H14 \$Am	Commodities income of \$A418m, up 6% on 1H14  - Increase commodities financing activities and trading opportunities across
Commodities	418	731	393	MAST platform  - Partially offset by lower gold hedging activity within the MEC business
Credit, interest rates and foreign exchange	253	233	223	Energy business result broadly in line with 1H14 (2H14 benefited from strong result in North American gas business)
Fee and commission income	93	81	81	Credit, interest rate and foreign exchange income of \$A253m, up 13% on 1H14
Equity investment income	25	35	33	AUD volatility leading to increased client flow and improved trading opportunities
Impairment charges <sup>2</sup>	(72)	(74)	(133)	Fee and commission income of \$A93m, up 15% on 1H14
Otherincome	9	35		- Increased DCM income in the US
Internal management revenue <sup>3</sup>	-	(12)		- Futures broadly in line with 1H14
Net operating income	725	1,029	688	Equity investment income of SA25m, down 24% on 1H14
Brokerage, commission and trading-related expenses	(124)	(157)	(12	nt charges of \$A72m, down 46% on 1H14 mining related equity impairments
Other operating expenses	(351)	(349)	(3	of \$A9m, down 82% on 1H14
Total operating expenses	(475)	(506)	(4	ed income from the sale of NPIs
Net profit contribution <sup>4</sup>	250	523		penses of \$A475m, up 6% on 1H14 of regulatory compliance
				count
Staff numbers	959	944	1000	

	1H15 \$Am	2H14 \$Am	1H14 \$Am
Commodities:	418	731	393
- Risk management products	271	381	159
- Lending & financing	141	195	188
- Inventory management, transport & storage	6	155	46

#### Risk management products

- Income from hedging & risk management services provided to clients
- Driven by client volumes which are influenced by price volatility

#### **Lending & financing**

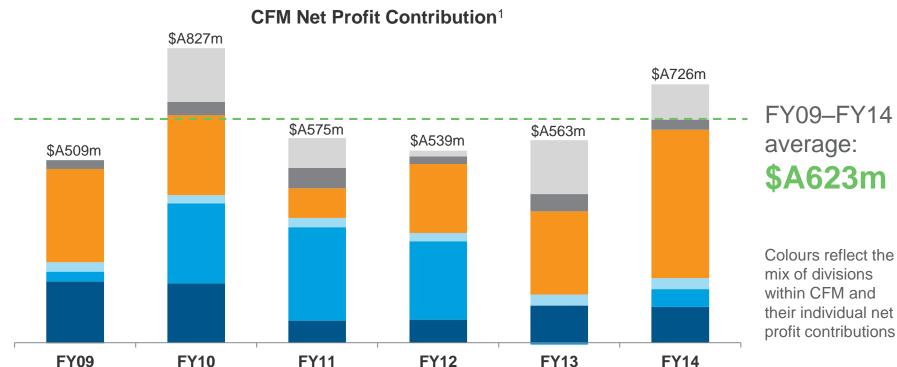
 Interest income from direct loans provided to clients and from the provision of working capital finance

#### Inventory management, transport & storage

- Access and exposure to physical products provides opportunity to service client needs and benefit from market dislocation
   Examples include:
  - Optimisation of gas and oil storage
  - Pipeline transportation rights
  - Inventory management



## Platform diversity drives earnings stability



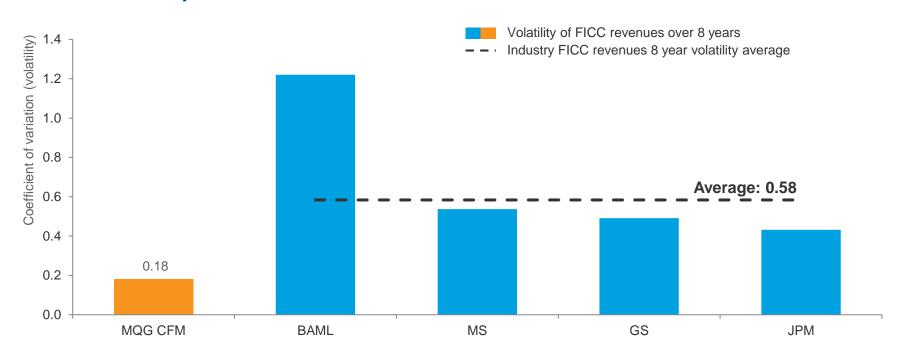
### Macro-economic environment

## Macquarie CFM revenues are less volatile





#### Relative to industry FICC businesses



#### Macro-economic environment

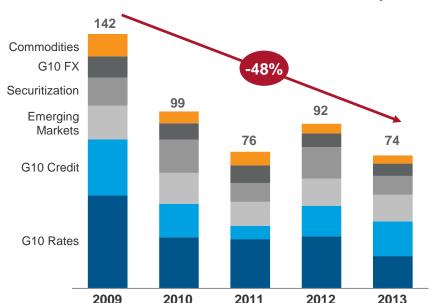
## Macquarie's CFM revenues increasing whilst industry FICC revenues decline



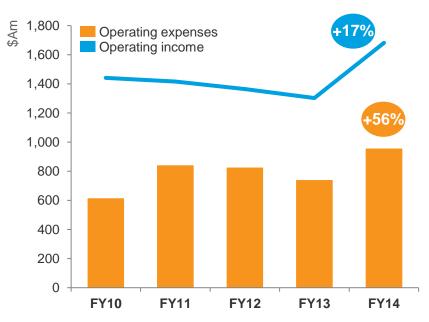


#### Macquarie's CFM revenues increasing while digesting a higher cost base

Global FICC revenues have declined over the last 5 years<sup>1</sup>

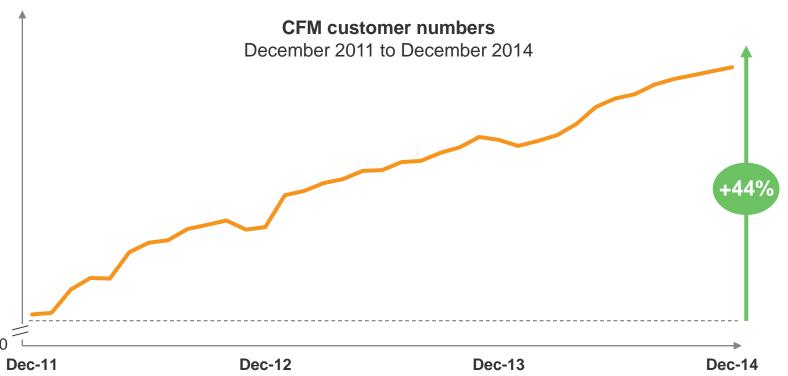


#### Macquarie's CFM revenue has been increasing



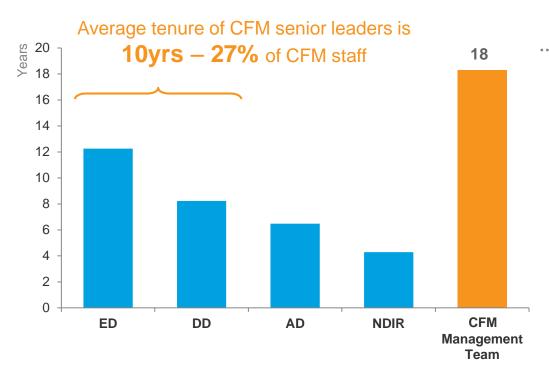
## Macquarie's CFM business Growing market share





## Experience and technical skills underpin performance and growth





#### **Specialist expertise across CFM**

Meteorologists, geologists, petroleum and mining engineers

Well informed viewpoints on complex capital structures

Deep understanding of global commodity market supply chains

Access to niche markets

Staff numbers as at 31 Dec 14. Permanent staff only.



## Managing risk is embedded in CFM's culture





## We constantly monitor market dynamics

Market conditions volatility

client activity

trading opportunities

Changing competitive landscape presents opportunities

Responding to regulatory change strategically and efficiently



## Growth opportunities

#### Geographic

Asia: building China capability

Continental Europe

Latin America

#### Scale

**Futures** 

Physical Oil & Refined Products

#### **Market dynamics**

Low oil prices driving client activity and distressed opportunities

#### Niche financing solutions

Securitisation

**CMBS** 

Working capital solutions



# CFM – well positioned over the medium term



Client centric approach



Diversified portfolio of businesses



Experienced team and strong risk management culture

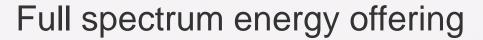


Strong, stable track record





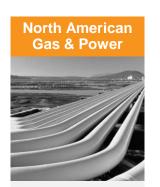
Energy Markets Division Nicholas O'Kane Division Head

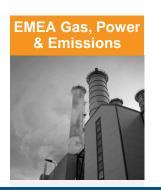


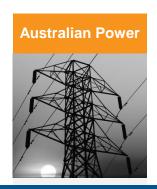














**Risk Management** 

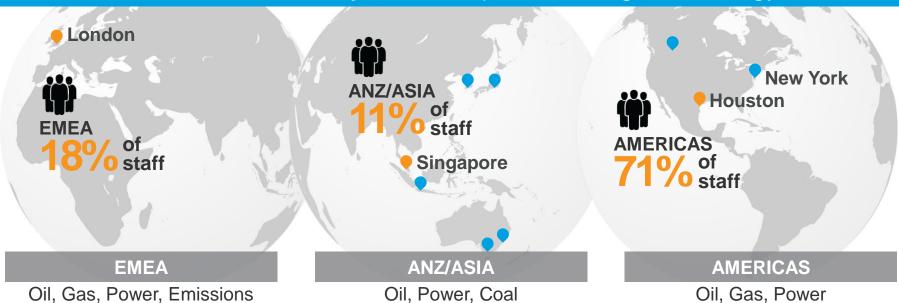
**Lending and Financing** 

**Physical Execution / Logistics** 

# Global presence



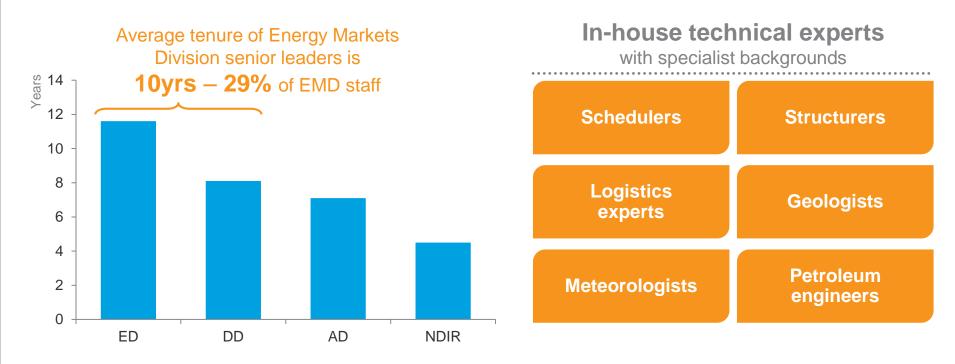
# 275+ staff • 10 offices • 10+ years of experience in global energy markets



Staff numbers as at 31 Dec 14.



# Deep market expertise



Staff numbers as at 31 Dec 14. Permanent staff only.

# A significant market participant





**No.3** 

largest physical gas marketer in North America<sup>1</sup>

No.2

in Brent Crude forecasting<sup>2</sup>

Trade and market

100k+ bbls

of North American crude per day



\$US5b+

funded into more than...

150 debt & equity transactions since 2002

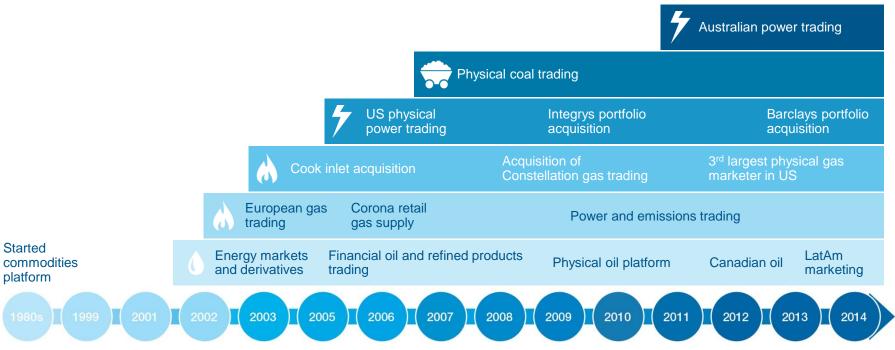
1. Platts Q3 CY14. 2. Bloomberg 2014.





# Consistent growth of platform over time

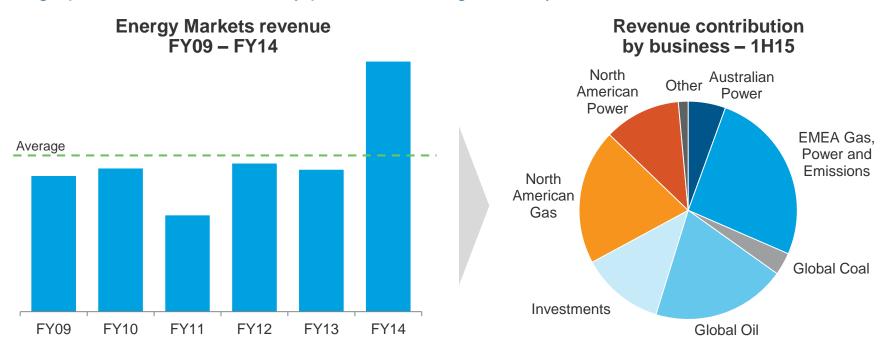
Expansion into adjacent spaces through acquisitions and organic growth





# Diversification provides stability

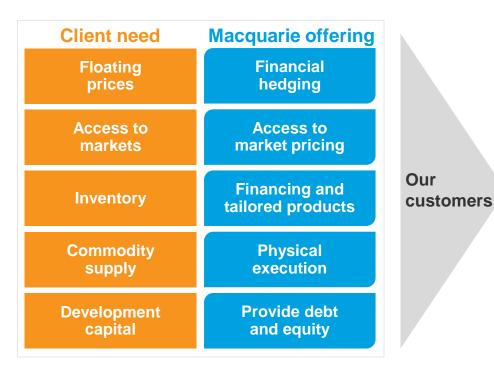
Geographic and market diversity provides earnings stability





# Serving energy clients

### Bringing financial products and services to clients with exposure to energy



### Oil & refined products

Major oil companies, producers, refiners, marketers/trading companies, airlines, power companies, banks

### Natural gas

Pipeline operators, physical merchants, municipalities, retailers, producers, utilities, industrials, banks

### **Power**

Grid operators, retailers, independent power producers, municipalities, utilities, financials

### **Emissions**

Governments, utilities, industrials, trading houses, carbon funds

### Coal

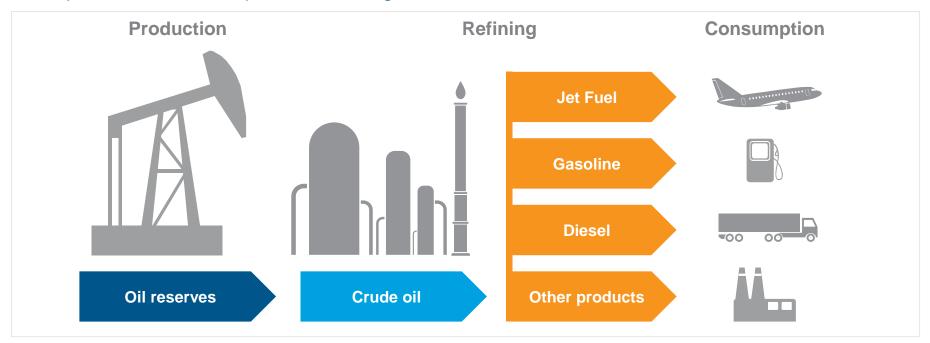
Utilities, producers, manufacturers, traders, banks

### oal

# Oil value chain



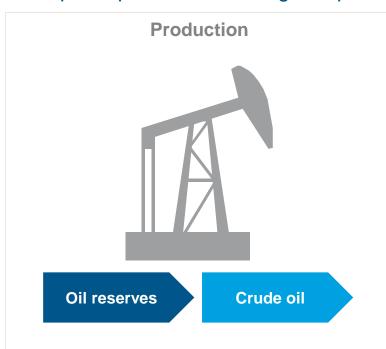
Macquarie utilises its capabilities throughout the oil value chain



# Oil production



### Macquarie provides financing and price certainty to producers



An oil producer needs to invest in land and equipment before it can begin producing

An oil producer needs oil prices to be higher than its cost of production

The producer needs to move the barrels it produces to market

### **Financing**

Macquarie provides financing so the producer can continue operations, and secures the financing with oil reserves

### **Risk management products**

Macquarie can sell the producer protection against falling prices for its anticipated volumes

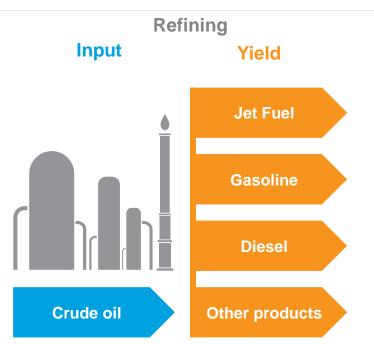
### **Physical execution**

Macquarie buys the crude oil and delivers it to end users, such as a refinery

# Oil refining



### Macquarie provides products to allow a refinery customer to manage its risk



Oil and product sitting in inventory ties up a refinery's capital

A refinery's profits depend on the margin between the price of the oil purchased and the products it refines and sells

A refinery needs a supply of oil and the ability to bring its end products to market

### **Financing**

Macquarie finances the inventory so the refinery can make efficient use of its cash

### **Risk management products**

Macquarie sells the refinery crude oil and buys its products, and then offsets this on an exchange or with another customer such as an airline

### **Physical execution**

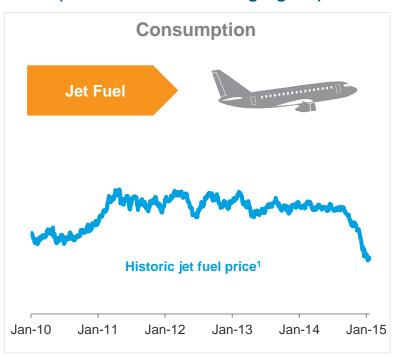
Macquarie is able purchase and deliver oil to the refinery, and purchase the refined product to sell on the open market

# Oil consumption





### Macquarie facilitates hedging to protect an airline against rising prices



Jet fuel accounts for approximately one third of an airline's operating costs; an airline may want to protect itself from price increases

### **Risk management products**

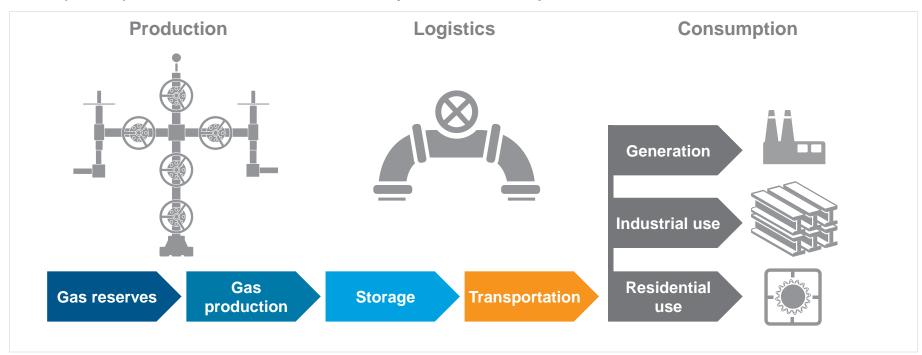
Macquarie can provide a financial product which will protect the airline against rising prices, and offset this with another customer such as a refinery

1. Platts Jet54 US Gulf Water.

# Natural gas value chain



Macquarie positions itself in a similar way across all major commodities



# Natural gas transportation



### Macquarie's capabilities allow it to provide a valuable service with limited downside

Producers need to get natural gas to markets

### **Physical execution**

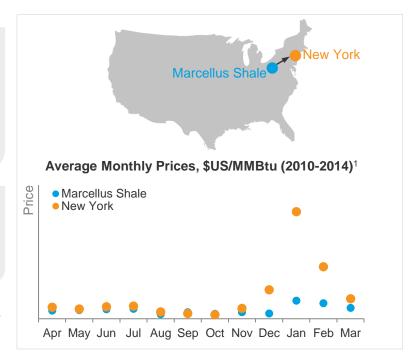
Macquarie "rents" pipeline capacity in advance, buys the gas from producers and transports it to sell in consumption areas; downside is limited to the cost of the capacity which is known upfront

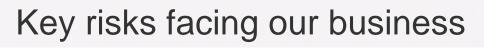
High demand areas need gas supply despite system constraints

### **Market expertise**

Macquarie's capabilities and system knowledge allow it to find optimal paths to bring gas to market

This is a valuable service for all markets throughout the year









# Rigorous risk management framework and strong risk culture

# Volatility & customer activity

Low volatility can limit customer flow, reducing opportunities to market/ trade risk management products

### **Mitigants**

Diversified and focussed business model – portfolio of businesses across products, services and geographies

# Non performance on credit exposures

Customer-centric businesses face credit risk. Non performance by counterparties could result in losses

### **Mitigants**

Strong credit risk framework, with active management/ oversight of a spread of exposures to sectors and individual counterparties

# Exposure to market risk

Trading income largely derived from client franchise activities which generates some market risk

### **Mitigants**

Limited outright position taking

Granular risk limits are set based on worst case scenarios

Risk appetite influenced by macro-economic environment

# Operational risk

Loss or damage to assets

### **Mitigants**

Independent operational risk and compliance oversight (including regulatory)

Not owners of infrastructure or transportation – do not maintain liability for physical operations (eg pipelines, warehouses, ships)

Perform due diligence over service providers who hold our assets. Hold insurance to cover loss of product and residual risk where appropriate

# Opportunities

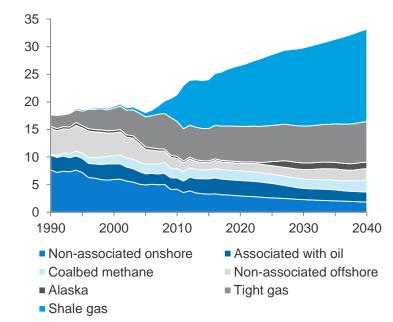
# Natural gas



### Impact of shale gas presents opportunities



### US Dry Natural Gas Production Forecast (Tcf)<sup>1</sup>



# **Opportunities**

# Natural gas



### Freeport LNG: Cheap US natural gas led to export opportunity

- Macquarie's Energy Markets Division has a longstanding relationship with Freeport LNG
- Opportunity to export LNG as a result of changing market dynamics was identified early
- Provided Freeport LNG with the initial development capital for the project
- Macquarie Capital acted as financial advisor to the project on raising the largest non-recourse construction financing in history



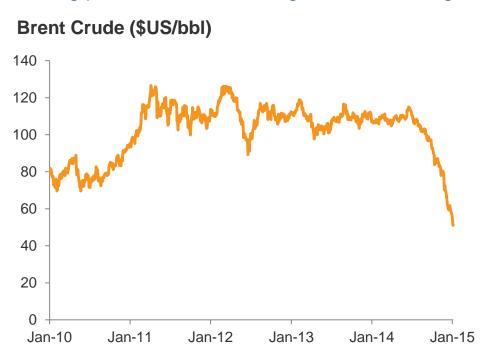


# Opportunities





Falling prices are now leading to similar changes in the oil markets



Declining oil prices

Changes to supply and demand dynamics

Increased financing and hedging needs

**OPPORTUNITIES** 



# Well positioned over the medium term



Client driven business



Deep market expertise



Diverse across markets and geographies



Conservative approach to taking and managing risk







# Banking and Financial Services Greg Ward Group Head

# 5 11 8 8 A



# Comprehensive retail banking operations

Macquarie's retail banking and financial services businesses, providing a diverse range of personal banking, wealth management and business banking products and services to retail customers, advisers, brokers and business clients

### **Personal Banking**

- Provides retail financial products such as mortgages, credit cards and deposits.
- Serves clients through strong mortgage intermediary relationships and whitelabel partnerships, as well as direct Macquarie branded offerings.

### **Wealth Management**

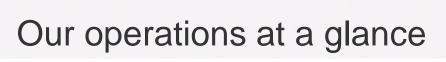
- Provides superannuation and insurance products, as well as stockbroking, financial advice, private banking, cash management and wrap platform services.
- Delivers products and services through institutional relationships, a virtual adviser network and direct relationships with clients.

### **Business Banking**

- Provides a full range of deposit, lending and payment solutions, as well as tailored services to help business clients become more efficient.
- Serves over 4,800 business clients, from sole practitioners to corporate professional firms, who we engage with through a number of channels including dedicated relationship managers.

### **Support functions**

BFS' three business divisions are supported by a number of central functions, including Service & Operations





### PERSONAL BANKING



\$22.3b Mortgages book with full range of offerings 1 40% pcp



Cards Credit Cards, Prepaid Cards, Currency Cards

### WEALTH MANAGEMENT



Stockbroking and Private Banking Financial product advice and services



**\$43.2b** in AUA Wealth management platform<sup>1</sup> **8%pcp** 

### **BUSINESS BANKING**



\$4.6b<sup>2</sup> Business loans portfolio 125%pcp



Transaction and business services **DEFT**, Insurance Premium Funding, Business Outsourcing



\$35.7b Total Retail Deposits \$\mathbb{1}{2} 8.5\% pcp





# Our recent awards



### Partner of the Year

iSelect 2014 Partner Awards



### **Homeloans Partner of the Year**

iSelect 2014 Partner Awards



### **Lender of the Year (Tier 2)**

Mortgage Choice National Conference 2014 (two years running)



### Winner SMSF Term Deposit Provider

SMSF Adviser Awards 2014



### **Winner Investment Platform Provider**

SMSF Adviser Awards 2014



### **Five-Star Rating for Adviser Satisfaction**

Beaton Benchmarks, a record seventh year running



### Non-major Bank Lender of the Year (Tier 2)

MFAA 2014 Excellence Awards



### No.1 in Brokers on Non-Majors 2014 survey

Australian Broker



### **Cash and Term Deposits Winner**

CoreData SMSF Service Provider Awards 2014



# Underwriting Team of the Year, Claims Team of the Year, Business Support Services/BDM Team

of the Year AFA Client Service Team Awards 2013





# Our strategy

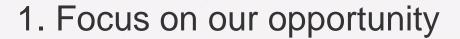
We have four building blocks to our strategy that will deliver our success

1 FOCUS
ON OUR OPPORTUNITY

2 ORGANISE AROUND OUR CLIENTS

3 INVEST TO SUPPORT GROWTH

4 GROW FROM OUR STRENGTHS





# We have exited a number of offshore and non-core businesses

# 16+ Exits including:

- MPW Canada
- Mortgages (Italy)
- Private Bank Asia
- Clean Technology Investments
- Margin Lending

- Macquarie Premium Funding (Canada)
- Macquarie Wrap (UK)
- Religare JV
- Mortgages (US, Canada)
- COIN Software

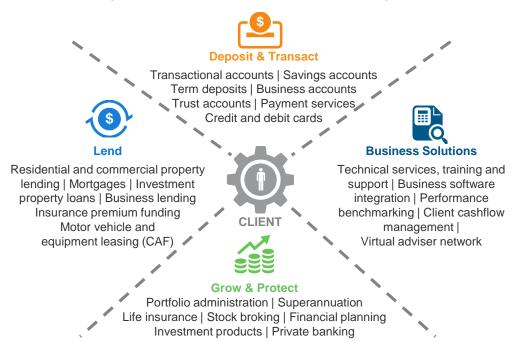
# Focusing on opportunity in Australian retail financial services





# 2. Organise around our clients

### Our new organisation structure is yielding efficiency, alignment and collaboration benefits



### **Efficiency**

- All products brought under a single division
- Move to eliminate duplication

### **Alignment**

- Divisions now aligned with clients and markets
- Greater transparency of product profitability

### Collaboration

- Collaboration within BFS and cross-division referrals
- Sharing of ideas to leverage platforms and capabilities
- BFS and CAF collaborated to gain deep insights of the accounting segment to identify opportunities for Macquarie



# 3. Invest to support growth

### Modernising our technology

# CORE BANKING PROJECT







# The Core Banking transformation program will simplify, streamline and centralise our product and transactional functions

- Currently in year two of a five year program to deliver the Core Banking platform with real time capability, enabling us to provide basic banking products and improved functionality
- Partnered with world leading organisations including Accenture as our delivery partner and SAP as our Banking Platform
- ▼ The platform will enhance client experience across all loan and deposit products and services
- ✓ Our transaction account is currently in internal pilot before launch later this year
- Existing products to be migrated to the platform and new products introduced from year two
- Program will also support regulatory requirements



# 3. Invest to support growth

### Modernising our technology

# DIGITAL TRANSFORMATION

Our digital transformation will continue to improve prospective client experience and scalability of our operating model



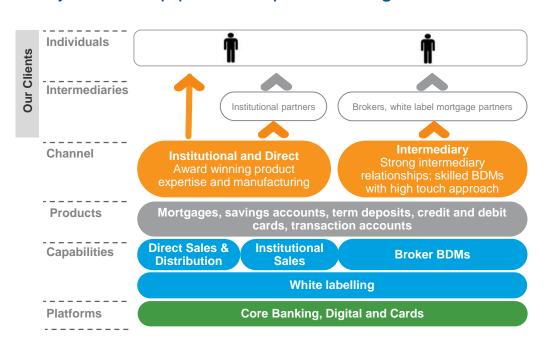
- Invested to build expertise and leadership capability to drive our digital engagement strategy
- ✓ Creating a unified experience for clients across the Macquarie digital platform
- ✓ Enabling self-service through simplified service content and intelligent search
- ✓ Building advanced digital marketing capabilities
- ✓ Delivering white label digital capability to our partners
- ✓ Using data more effectively to better serve client needs
- ✓ Mobile banking applications are on the horizon

# 4. Grow from our strengths

# Personal Banking



### Ability to develop partnerships delivering benefits to both parties



focussed on growing distribution, particularly through intermediary and white label relationships

### **Recent Highlights:**

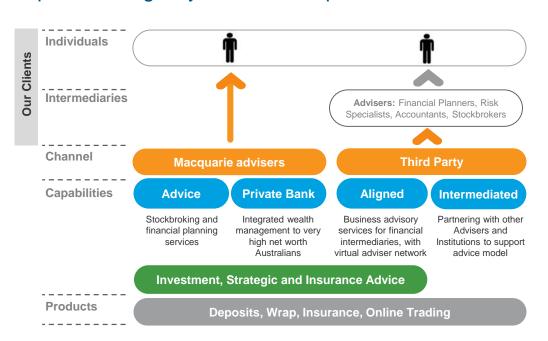
- Appointed issuing partner for Woolworths Money credit cards; successfully migrated portfolio to Macquarie systems
- Invested further in YBR, supporting Vow Financial and Resi Home Loans acquisitions
- \$A1.4b residential mortgage portfolio acquired Oct 14
- Entered white label agreements with Mortgage Choice, Real and Homeloans Ltd

# 4. Grow from our strengths

# Wealth Management



### Depth and longevity of relationships with intermediaries and clients



focussed on optimising existing operations, growing distribution, and building product and platform capabilities

### **Recent Highlights:**

- Macquarie Wrap introduced separately managed accounts, international listed securities and domestic fixed income securities
- New market-leading Strategic Advice Platform (Xplan) implemented within advice business, improving client experience, compliance and efficiency
- Strong growth in virtual adviser network offering
- Award-winning Cash Management Account used by more than one in four self-managed superannuation funds

# Macquarie Private Wealth

# Enforceable Undertaking and client remediation update





### **Two-year Implementation Plan**

- Enforceable Undertaking finalised on 29 January 2015
- Independent Expert, KPMG, submitted final report to ASIC, confirming that all deliverables outlined in the Implementation Plan have been completed
- Key improvements
  - Substantial investment: approximately \$A49 million over two years in processes, practices and systems
  - New and improved advice documentation
  - Significant improvement in record keeping, supported by new technology and enhanced business processes
  - Ongoing review of advisers and client advice supported by investment in technology and people
  - Supervised compliance knowledge assessment for advisers and implementation of external, independent compliance training
  - New management team and additional compliance staff

### **Commitment to continuous improvement**

Macquarie program agreed with ASIC to build on work done during the twoyear EU Implementation Plan and to ensure change is sustained

- Address outstanding items raised in Independent Expert's final report
- Engagement with ASIC over the next 12 months
- Third-party testing of operational effectiveness

### **Client remediation update**

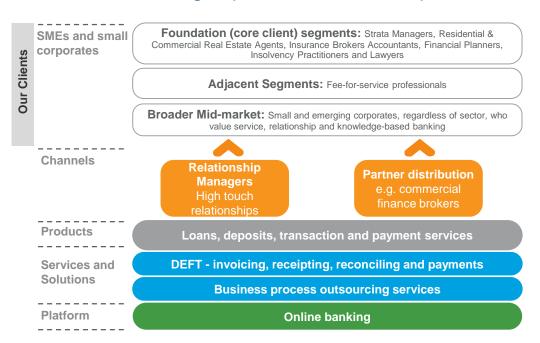
- Remediation assessment based on consistent application of Financial Ombudsman Service approach
- Continued oversight by ASIC and Deloitte
- Macquarie-initiated review: 305 cases assessed by Remediation Review Panel (RRP); 61 eligible for compensation
- Client-initiated review: approximately 189,900 letters sent to all current and former clients
  - 831 complaints<sup>1</sup>;1,627 file review requests<sup>1</sup>
  - 326 cases assessed by RRP<sup>2</sup>
    - 19 eligible for compensation<sup>2</sup>
- Estimated remediation amount is fully provided for

# 4. Grow from our strengths

# **Business Banking**



### Differentiation through specialist markets expertise and exceptional client service



focussed on increasing financial services engagement with existing clients and extending into adjacent segments

### **Recent Highlights:**

- Average business banking deposit volumes up 17% on pcp and loan volumes up 25% on pcp for the Dec 14 quarter
- New solutions to improve SME clients' business productivity; including managing billing, collections, office administration
- Significant opportunities to extend existing model into adjacent segments; including other fee-for-service professionals
- Client retention ~91% over past five years
- Business banking SME clients up 14% on pcp



# 4. Grow from our strengths

### Significant relationships strengthened with leading Australian brands



- Acquired Woolworths branded credit card portfolio in May 14
- Completed migration of card accounts and data to Macquarie systems in Oct 14



- Launched YBR branded credit cards and deposits in Sep 13
- Continued growth of existing white label mortgage volumes
- Invested further in YBR, supporting its acquisition of Vow Financial and Resi Mortgages

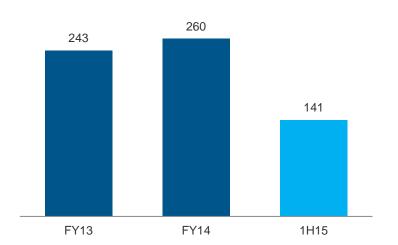
QANTAS	•	Mortgages with Qantas Points launched Credit cards with Qantas Points launched
Homeloans	•	White label mortgages
Mortgage Choice	•	White label mortgages and credit cards
Jetstar	•	White label credit card
HILTON HHONORS	•	Co-branded credit card
auto 引 general	•	White label insurance bundled with mortgages
Steadfast	•	JV partner for Premium Funding
real insurance.	•	White label financial products
<b>≙</b> Aussie	•	White label mortgages
VOW	•	White label mortgages



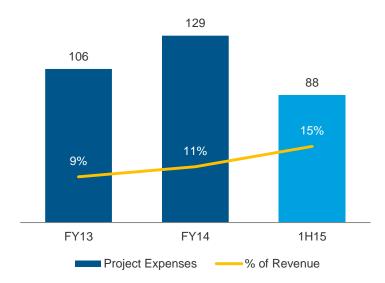
# Profit growth and investment

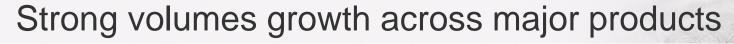
Strong underlying earnings growth whilst engaging in major investment programs

### Net profit (\$Am)



### Project expenses (\$Am)

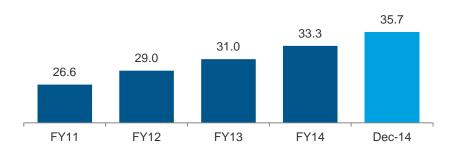




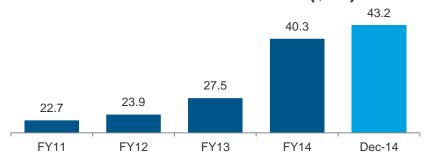




### **Product FUM - Retail Deposits (\$Ab)**



### Product AUA<sup>1</sup> – Platforms (\$Ab)



### Product FUM – Business Lending (\$Ab)<sup>2</sup>



### **Product FUM – Australian Mortgages (\$Ab)**

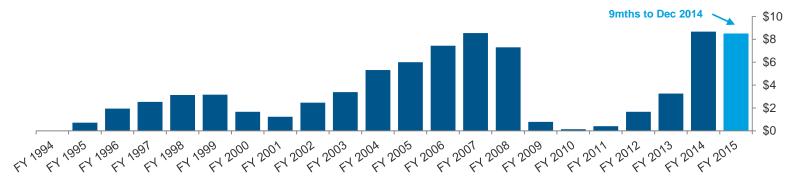


# Australian mortgage portfolio history

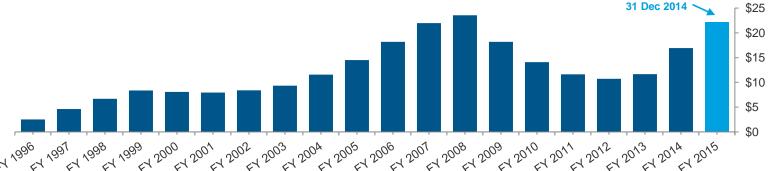








Balance outstanding of portfolio as at end of Financial Year (\$Ab)



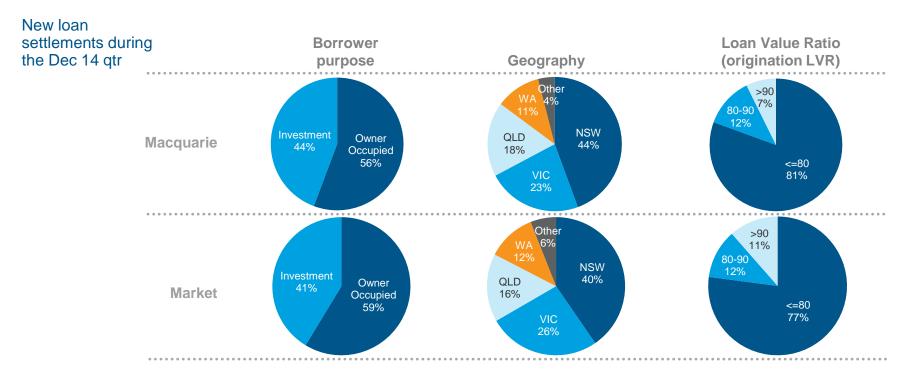
Excludes BB, AHL-CBA & CAF Reverse Mortgages

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# New mortgage composition

Recently originated mortgages in line with market and peers





# New mortgage composition

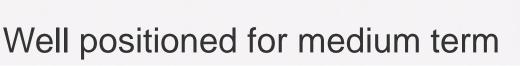
Loan to value ratios



### Loans with LVR of >90% have reduced significantly since early 2013

New loan settlements Loan to Value Ratio (LVR) bands (origination LVR)









Australian focussed business with a comprehensive set of sophisticated, award-winning retail products and services

ORGANISE AROUND OUR CLIENTS

New client focussed organisation structure is yielding efficiency, alignment and collaboration benefits

3 INVEST TO SUPPORT GROWTH

Modernising technology to improve client experience and support sustained profitable growth

4 GROW FROM OUR STRENGTHS

Strong growth opportunities through intermediary distribution, white labelling, platforms and client service







# Glossary

\$A or AUD	Australian Dollar
\$C	Canadian Dollar
\$US or USD	United States Dollar
€	Euro
£	British Pound
1H15	Half year ended 30 September 2014
2H14	Half year ended 31 March 2014
3Q15	Quarter ended 31 December 2014
ABN	Australian Business Number
ABS	Asset Backed Securities
AD	Associate Director
ANZ	Australia and New Zealand
Approx.	Approximately
APRA	Australian Prudential Regulatory Authority
ASIC	Australian Securities Investment Commission
ASX	Australian Securities Exchange
AUA	Assets Under Administration
AUM	Assets Under Management

AHL-CBA	Aussie Home Loans - Commonwealth Bank of Australia
b	Billions
ВВ	Business banking
BAML	Bank of America Merrill Lynch
bbl	Barrel
BCBS	Basel Committee on Banking Supervision
BCN	Macquarie Bank Capital Notes
BFS	Banking and Financial Services
BIS	Bank for International Settlements
CAF	Corporate and Asset Finance
ССВ	Capital Conservation Buffer
CET1	Common Equity Tier 1
CFM	Commodities and Financial Markets
CIO	Chief Investment Officer
CLF	Committed Liquidity Facility
CMBS	Commercial mortgage-backed security
CY07	Calendar Year ended 31 December 2007
CY14	Calendar Year ended 31 December 2014





# Glossary

DCM	Debt Capital Markets
DD	Division Director
DTA	Deferred Tax Asset
ECM	Equity Capital Markets
ED	Executive Director
EMD	Energy Markets Division
EU	Enforceable Undertaking
FCA	Financial Conduct Authority
FICC	Fixed Income, Currencies and Commodities
FUM	Funds Under Management
	· unus smanagement
FX	Foreign Exchange
FX FY	<del>-</del>
	Foreign Exchange
FY	Foreign Exchange Full Year ended 31 March
FY G10	Foreign Exchange Full Year ended 31 March Group of Ten Industrialised Nations
FY G10 GS	Foreign Exchange Full Year ended 31 March Group of Ten Industrialised Nations Goldman Sachs
FY G10 GS HK	Foreign Exchange Full Year ended 31 March Group of Ten Industrialised Nations Goldman Sachs Hong Kong
FY G10 GS HK IPO	Foreign Exchange Full Year ended 31 March Group of Ten Industrialised Nations Goldman Sachs Hong Kong Initial Public Offering

LCR	Liquidity Coverage Ratio
LNG	Liquefied Natural Gas
LVR	Loan to Value Ratio
m	Million
M&A	Mergers and Acquisitions
MacCap	Macquarie Capital
MAM	Macquarie Asset Management
MBL	Macquarie Bank Limited
MFG	Macquarie Funds Group
MGL or MQG	Macquarie Group Limited
MIM	Macquarie Investment Management
MMBtu	Million British thermal units
MPW	Macquarie Private Wealth
MS	Morgan Stanley
MSG	Macquarie Securities Group
mths	Months
NDIR	Non Director
Net profit contribution	Management accounting profit before unallocated corporate costs, profit share and income tax





# Glossary

NGL	Natural Gas Liquids
No.	Number
NPAT	Net Profit After Tax
NSW	New South Wales
P&L	Profit and Loss
PACE	Property assessed clean energy
рср	Prior Corresponding Period
PPE	Property, Plant and Equipment
QLD	Queensland
Qtr	Quarter
RMBS	Residential Mortgage Backed Securities
ROE	Return on Equity
RWA	Risk Weighted Assets
	Mak Weighted Assets
SME	Small and medium-sized enterprises
SME SMSF	
	Small and medium-sized enterprises
SMSF	Small and medium-sized enterprises Self Managed Super Fund
SMSF ST	Small and medium-sized enterprises  Self Managed Super Fund  Short Term

TMET	Telecommunications, Media, Entertainment and Technology
UCITS	Undertakings for Collective Investments in Transferable Securities
UK	United Kingdom
US	United States
VIC	Victoria
WA	Western Australia
YBR	Yellow Brick Road
YTD	Year to Date





# **Operational Briefing**

Presentation to Investors and Analysts

17 February 2015