Exhibit No. EH-17 Docket U-180680 Witness: Erin Hutson

BEFORE THE WASHINGTON UTILITIES AND TRANSPORTATION COMMISSION

DOCKET NO. U-180680

TESTIMONY OF

ERIN HUTSON

LABORERS INTERNATIONAL UNION OF AMERICA

Exhibit EH-17

February 8, 2019





Macquarie Infrastructure and Real Assets Credentials

31 March 2018







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Information is presented as at 31 March 2018 unless otherwise specified. Fund profiles are provided as at 31 March 2018.

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- 4 Infrastructure
- 5 Fund Profiles
- 6 Additional Information: Equity Under Management and Exchange Rates



Introduction

Macquarie Infrastructure and Real Assets (MIRA)







Infrastructure investment requires significant dedication of time, organisational resources, and management focus. The example of Macquarie Group provides a good illustration of how a global infrastructure investment business can be built. Along the way, it has developed sophisticated risk management techniques to oversee activities in disparate markets¹

- McKinsey, March 2011

MIRA is a leading global alternative asset manager specialising in infrastructure funds, other real asset funds and customised accounts

- Our team is comprised of ~480 experienced professionals, located in 18 countries, managing 51 funds with \$A155.3 billion² of assets under management
- Our in-depth operational expertise and active asset management, combined with access to the proprietary deal sourcing capability of the Macquarie Group³, provide a unique competitive advantage
- MIRA's expertise has been and continues to be recognised with international awards

INFRASTRUCTURE INVESTOR

Largest infrastructure direct-investment programme⁴

2010 - 2017

TOWERS WATSON 📈

World's Largest Infrastructure Asset Manager⁵

2010 - 2017



Infrastructure Manager of the Year Award⁶

2016



Infrastructure Manager of the Year Award⁷

2016



Operational
Excellence Award –
Arlanda Express⁸

2015

INFRASTRUCTURE INVESTOR

Global Fundraiser and Global Fund Manager⁹

2014

INFRASTRUCTURE JOURNAL

Deal of the Year – Transport Goethals Bridge Replacement PPP¹⁰ 2014

(1) INFRASTRUCTURE JOURNAL

Acquisition of the Year

– Energy & Natural

Resources¹⁰

2014

INFRASTRUCTURE INVESTOR

Asia Pacific Infrastructure Fund Manager of the Year¹¹

2013

INFRASTRUCTURE INVESTOR

North American
Infrastructure Deal and
PPP Transaction of
the Year¹²
2013

Note: Please see the "Important Notice Regarding Awards/Rankings" at the beginning of this presentation for additional information regarding awards/rankings given to MIRA.

^{1.} McKinsey Quarterly, March 2011. 2. Based on proportionate enterprise value, calculated as proportionate net debt and equity value at 31 December 2017 for the majority of assets. 3.No member of the Macquarie Group is required to offer investment opportunities to MIRA. 4. Rankings based on methodology created by Infrastructure Investor (II50), and represents infrastructure direct-investment capital formed based on a rolling 5 year period to measurement date. 5. Global Alternatives Survey 2017 (published July 2017), measured by assets under management. Previous Global Alternatives Surveys published by Towers Watson between 2010 and 2016. 6. MIRA has been named Infrastructure Manager of the Year at the 30th Anniversary awards of Global Investor magazine (published July 2016). 7. Institutional Investor's 2016 European Money Management Awards (published April 2016). 8. 2015 Infrastructure Investor: Operational Excellence Awards (published July 2015). 9. 2014 Annual Infrastructure Investor Awards Poll. 10. 2014 Infrastructure Journal Awards - Recognising the achievements of 2013 (Published March 2014). 11. 2013 Annual Infrastructure Investor Awards Poll. 12. MIRA awarded North American Infrastructure Deal of the Year and North American PPP Transaction of the Year (Infrastructure Investor Awards 2013) for Goethals Bridge transaction.





Global position

Capital raised larger than its peers for infrastructure investment globally

2017 Top global infrastructure investors (\$USb)¹

Rank	Company	5 Year Capital Raised ¹
1	Macquarie Infrastructure and Real Assets	36.5
2	Brookfield Asset Management	30.0
3	Global Infrastructure Partners	26.8
4	IFM Investors	15.2
5	First State Investments	13.8
6	BlackRock	11.2
7	EIG Global Energy Partners	10.7
8	Energy Capital Partners	8.5
9	KKR	8.3
10	Antin Infrastructure Partners	7.4
11	EQT Partners	7.1
12	ArcLight Capital Partners	7.0
13	Stonepeak Infrastructure Partners	6.8
14	KDB Infrastructure Investments Asset Management Company	6.7
15	I Squared Capital	6.7
16	AMP Capital	5.7
17	InfraRed Capital Partners	5.7
18	Partners Group	5.7
19	Hermes Infrastructure	5.5
20	Hastings Funds Management	5.4

Source: Infrastructure Investor 50 2017 (published November 2017), a global ranking of the largest direct-investment programmes by Infrastructure Investor Magazine.

^{1.} Rankings based on methodology created by Infrastructure Investor, and represents infrastructure direct-investment capital formed since 1 January 2012. Includes equity capital raised by infrastructure funds, infrastructure funds commitments and direct capital invested in infrastructure assets by pension funds, and equity capital invested in infrastructure projects and concessions by infrastructure developers.

Note: Please see the "Important Notice Regarding Awards/Rankings" at the beginning of this presentation for additional information regarding awards/rankings given to MIRA.



Macquarie Asset Management







MIRA is a standalone business within Macquarie Asset Management ("MAM") and has a 23-year track record in infrastructure investment and management

Macquarie Group Limited

Macquarie Asset Management

Total AUM: \$A496.7 billion1

Commodities and Global Markets

Banking and Financial Services

Corporate and Asset Finance

Macquarie Capital

Macquarie Infrastructure and Real Assets (MIRA)

Global Head – Martin Stanley

Infrastructure, Real Estate, Agriculture and Energy

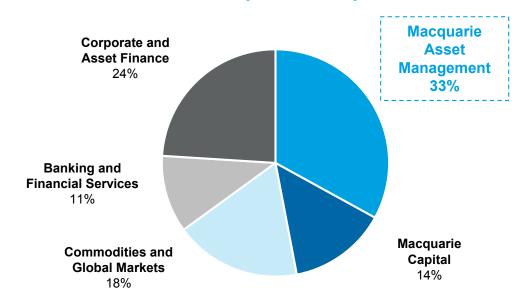
Macquarie Investment Management (MIM)

Equities and Fixed Income Portfolios

Macquarie Specialised Investment Solutions (MSIS)

Structured Products

Contribution to Macquarie Group Net Profit²



As at 31 March 2018

Net profit contribution is management accounting profit before unallocated corporate costs, profit share and income tax. Pie chart is based on FY18 net profit contribution from operating groups.

Macquarie Asset Management





Group Head **Shemara Wikramanayake**

Macquarie Infrastructure and Real Assets ("MIRA")

Martin Stanley

Alternative asset management

Infrastructure Real Estate Agriculture Energy

Non-Executive Chairman: John Roberts

Macquarie Investment Management ("MIM")

Ben Bruck

Securities investment management

Fixed interest and currencies
Equities, including infrastructure securities
Private markets
Hedge funds
Multi-asset allocation solutions
'Best of breed' external managers

Macquarie Specialised Investment Solutions ("MSIS")

Peter Lucas

Fund and equity-based solutions

Fund linked products
Capital protected investments
Retirement and annuity solutions
Agriculture Investment Solutions
Infrastructure Debt Investment Solutions
Secured ship financing
Hedge funds
Private debt incubation

Operations

Legal and Compliance

\$A496.7bAUM¹

20 Countries worldwide¹ ~1,600 Staff¹

^{1.} All numbers as at 31 March 2018.



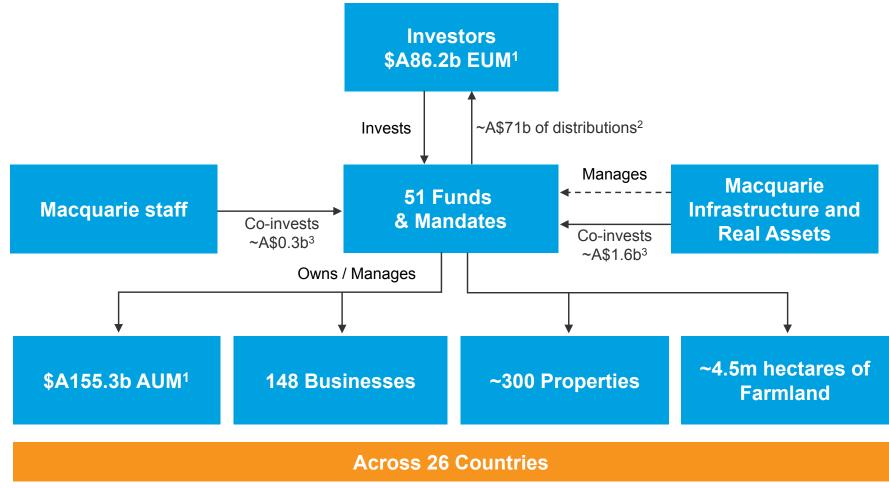
Macquarie Infrastructure and Real Assets







Sourcing and managing investments in portfolio businesses on behalf of investors globally



All numbers as at 31 March 2018.

- 1. For methodology of EUM and AUM please refer to slide 26.
- 2. Since inception. Includes distributions paid by one Macquarie Infrastructure and Real Assets managed fund to another where cross holdings exist. Past performance is not indicative of future results.
- 3. Staff investment of ~\$A0.3 billion and Macquarie investment of ~\$A1.6 billion in Macquarie Infrastructure and Real Assets managed funds. Both investments included in the \$A86.3bn EUM.

More than 20 years' real asset experience





A solid track record across investments, from acquisition to realisation

Ability to leverage a **strong execution** team, with ability to seamlessly 'staff-up' when required

- 43^{1,2} real asset investments in last two years, deploying \$A25bn of capital
- Invested in over 200^{1,2} infrastructure businesses
- Completed 65³ realisations in infrastructure to third parties
- Extensive infrastructure network and long-standing relationships with key stakeholders

Access to global capital through respected brand and strong existing relationships, managed by a dedicated investor relations team

- Access to high quality dealflow, with strong proprietary investment sourcing capability
- Strong and established relationships with a large global institutional investor base
- 51¹ funds and mandates currently under active management worldwide across infrastructure, real estate, agriculture and energy

Ability to Source debt across a pre-existing network of diverse lenders

 ~\$A65bn¹ of net debt across our portfolio including \$A37bn¹ refinancing in last two years

Middle office across portfolio management, structuring and fund operations

- · Active approach to fund management and strategic asset management
- Focus on operational excellence and managing risks

Local presence with 24¹ MIRA offices globally and access to deep relationships and expertise across the entire Macquarie Group⁴

- Experienced professionals based in each region providing access to local markets and dealflow
- Staff of ~ 480¹ experienced professionals

- All numbers as at 31 March 2018.
- Unique investments only. Excludes follow-on investments
- Includes both full and partial realisations.
- 4. No member of the Macquarie Group is required to offer investment opportunities or any services to MIRA





Macquarie has extensive experience managing infrastructure and real asset funds¹

	Australia ²		Americas	
2015 2011	Macquarie Australian Infrastructure Trust Macquarie Crop Fund	2017 2013	MIRA Global Infrastructure Solutions Macquarie Infrastructure Partners III	201
2010 2008	Macquarie Atlas Roads (Listed) Macquarie Special Situations Fund	2012 2009	FIBRA Macquarie México (Listed) Macquarie Mexican Infrastructure Fund	2010
2007	Macquarie Global Infrastructure Fund 3	2008	Macquarie Infrastructure Partners II	
2007	Macquarie Pastoral Fund	2008	Macquarie Advanced Investment Partners	201
2007	Retirement Villages Group (JV)	2007	Macquarie Global Opportunities Partners	201
2005	Macquarie Media Group (Listed)	2006	Macquarie Infrastructure Partners	2010
2004 2003	DUET Group (Listed, JV) Macquarie Global Infrastructure Fund 2	2004	Macquarie Infrastructure Corporation (Listed)	2009
2003	Macquarie DDR Trust (Listed)	2004	Macquarie Power and Infrastructure	200
2002 2002	Macquarie Airports (Listed) Macquarie Communications Infrastructure Group (Listed)	2003	Corporation (Listed) Macquarie Essential Assets Partnership	200
2002	MREEF 2, 3, 4, 5, 6, 7			200
2000	Macquarie Global Infrastructure Fund			200
1998	Macquarie Leisure Trust Group (Listed)			
1996	Macquarie Infrastructure Group (Listed)			200
1995	Macquarie CountryWide Trust (Listed)			200
1994	Hills Motorway Group (Listed)			2004
1993	Macquarie Office Trust (Listed)			200

Black	text	rep	ores	ents	active	funds.

Grey text represents an inactive or no longer Macquarie-managed fund.

- 1. Above list of funds is not exhaustive.
- 2. Funds managed from Australia, however many funds have global investment mandates.
- 3. Europe, Middle East & Africa.

F	М	F,	Δ3
		_	

2017	Macquarie Supercore Infrastructure Fund
2016	UK Climate Investments LLP (UKCI)
2016	Macquarie European Infrastructure Fund 5
2014	The UK Green Investment Group Offshore Wind Fund
2013	Calon Energy
2011	Macquarie European Infrastructure Fund 4
2010	African Infrastructure Investment Fund 2 (JV)
2009	Macquarie Russia & CIS Infrastructure Fund
2008	Macquarie European Infrastructure Fund 3
2008	ADCB Macquarie Infrastructure Fund (JV) - Middle East
2007	Kagiso Infrastructure Empowerment Fund (JV) - Africa
2007	Lombard Odier Macquarie Infrastructure Fund (JV)
2006	Macquarie European Infrastructure Fund 2
2004	Macquarie European Infrastructure Fund
2004	African Infrastructure Investment Fund (JV)
2001	Macquarie Airports Group
2000	South Africa Infrastructure Fund (JV)

Asia

2017	Macquarie Asia Infrastructure Fund 2
2015	Macquarie China Retail Company 2
2014	Macquarie Asia Infrastructure Fund
2014	Macquarie Korea Opportunities Fund 3
2014	Macquarie Asia Infrastructure Fund
2014	Korea Private Concession Fund III
2014	Korea Private Concession Fund II
2013	Asia Pay Television Trust (Listed)
2012	Korea Private Concession Fund
2012	Philippine Investment Alliance for Infrastructure
2011	SBI Macquarie Infrastructure Trust (JV) – <i>India</i>
2011	Macquarie China Retail Company
2011	Macquarie Greater China Infrastructure Fund
2010	Korea Macquarie Growth Fund
2009	Macquarie SBI Infrastructure Fund (JV) – <i>India</i>
2007	Macquarie NPS REITs
2006	Macquarie Korea Infrastructure Fund (Listed)
2006	MWREF Limited - China
2005	Macquarie Korea Opportunities Fund

2005 Macquarie International Infrastructure

Fund (Listed) – Asia





31 acquisitions and realisations during last 12 months across core and emerging markets¹

Denmark

Copenhagen Airport

(Realisation – airport) Nov 2017

Finland

Elenia Ov

(Acquisition – other utilities) March 2018

Italy

Renvico Italy

(Follow-on acquisition - renewable enerav) June 2017

United Kingdom

Green Investment Group (9 assets)

(Acquisition – renewable energy)

August 2017

Thames Water

May 2017

Spain

Compania Logistica de Hidrocarburos

(Acquisition - other utilities) June 2017

Empark Aparcamientos y Servicios S.A.

(Acquisition – other real assets) December 2017

Poland

INEA

(Acquisition – communications) February 2018

India

GMR Jadcherla Expresswavs Limited

(Realisation – roads & rail) April 2017

Trichy Tollways Private Ltd (Realisation - roads & rail)

April 2017

Hindustan Clean Energy Ltd

(Acquisition - renewable energy) August 2017

Phillipines

Energy Development Corporation

(Acquisition – other utilities) September 2017

Singapore

Oiltanking Singapore Chemical Storage

(Acquisition – other utilities) December 2017

South Korea

Majang Motorway Service Station

(Acquisition – other real assets) July 2017

Koentec

(Acquisition - waste) June 2017

Incheon Airport Hotel

(Acquisition – other real assets) April 2017

Parking Tower II

(Acquisition – other real assets) April 2017

Hanjin Terminal

(Realisation – other transport services) June 2017

North East Chemical

(Realisation – energy) December 2017

Greater China

Shanghai Sineng

(Acquisition – renewable energy) November 2017

(Acquisition – other utilities) December 2017

September 2017

(Realisation - other transport services)

(Realisation - other utilities)

United States

Lordstown Energy Center

(Partial Realisation – other utilities) June 2017

Waste Industries

(Realisation - waste) September 2017

(Follow-on acquisition – other utilities) October 2017

Aguarion

(Realisation - other utilities)

December 2017

Mexico

Marena Renovables

(Realisation - renewable energy) May 2017

Australia and New Zealand

Endeavour Energy (Acquisition - other utilities)

May 2017

SA Land Services

(Acquisition – other real assets) October 2017

January 2018 **Avocado Farms**

Viridis Ag Pty Ltd

(Acquisition – agriculture) December 2017

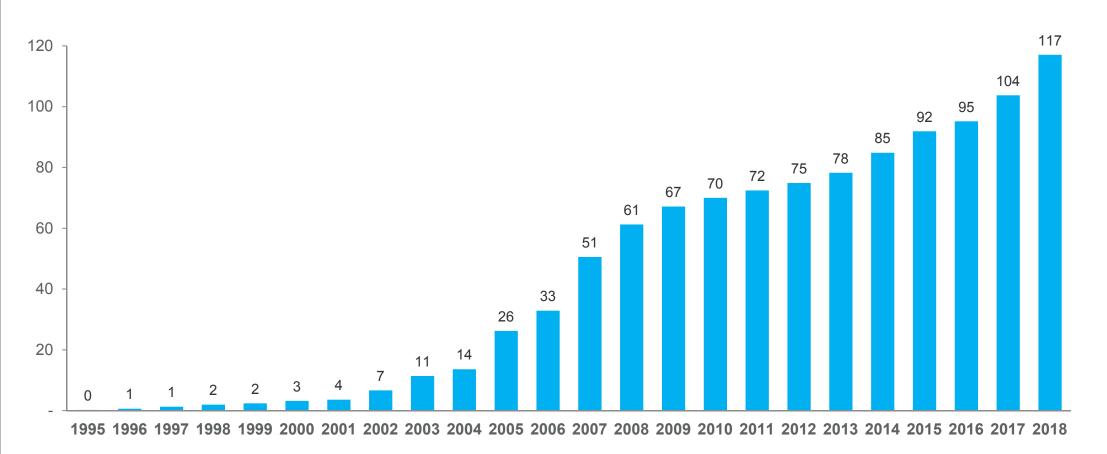
(Acquisition - agriculture)

Note: Recent significant asset acquisitions and sales by MIRA-managed funds that have reached financial close between 1 April 2017 and 31 March 2018. Dates represent financial close. 1. MIRA managed funds and clients hold various percentage stakes in these investments





\$A117 billion committed to MIRA managed infrastructure and real asset funds over 23 years



^{1.} Cumulative commitments to MIRA managed funds grouped by Macquarie Group financial years to 31 March. Includes listed, unlisted and hybrid capital raised for MIRA-managed funds and accounts. Excludes co-investments.





Dalian wastewater company

Mosaic Xi'an

Mosaic Beijing

■ Mosaic Qingdao

Mosaic Shanghai

Mosaic Chongging

Shanghai Sineng

Star King

South Korea

■ DB Hotel

■ D'LIVE

Jinju

Koentec

Moda

Nanjing Port Terminal

■ Tianjin Port Terminal

AJ Parking Tower

■ Baekvang Tunnel

Daejon Cogeneration

Goyang Bus Terminal

■ Incheon Airport Hotel

■ Incheon Grand Bridge

Hangdarm Island

■ Machang Bridge

Parking Tower II

■ Sooiungsan Tunnel

■ Woomyunsan Tunnel

Yeongyang Wind Power

Youngduk Wind Power

■ Yongin-Seoul Expressway

Saehan Environment Co.

■ Seoul Chuncheon Expressway

■ United Terminal Korea Limited

■ Busan New Port Phase 2-3

■ Cheonan-Nonsan Expresswav

CNE Motorway Service Stations

■ Daegil Industry / Daegil Environment

Deok Pyeong Land Company LLC

■ Gwangju 2nd Beltway Section 1

■ Gwanqju 2nd Beltway Section 3-1

Majang Motorway Service Station

■ Incheon International Airport Expressway

Pyeong Chang Motorway Service Station

Shenvang water company

A petro-chemical storage portfolio

Nationwide Solar Power Platform

Shenyang wastewater company

Shenyang West wastewater company

Investments in 148 portfolio businesses, ~300 properties and ~4.5 million hectares of farmland¹

Brazil Cruzeiro do Sul Grãos (3 farms) Canada ■ Autoroute 25 ■ Fraser Surrey Docks ■ GFL Environmental Halterm Limited Mexico Concesionaria Universidad Politécnica Decarred ■ FIBRA Macquarie México ■ Mexican Tower Partners **Finland** ■ Parque Solar Coahuila ■ Elenia Ov San Rafael HydroGen France ■ APRR **United States** ■ Pisto SAS Atlantic Aviation Renvico Bayonne Energy Center Broadrock Renewables Germany Cleco Corporation Open Grid Europe ■ Dulles Greenway TanQuid ■ Elizabeth River Tunnels Techem ■ Goethals Bridge ■ Warnow Tunnel ■ Harley Marine Services International-Matex Tank Terminals Hydro Dolomiti ■ Leaf River Gas Storage Renvico Lordstown Energy Center Societa' Gasdotti Italia S.p.A. ■ Maher Terminals **Poland** ■ MIC Renewable Energy Holdings Sweden Russia **Australia** MIC Hawaii ■ DCT Gdansk ■ Arlanda Express ■ Brunswick Rail NYK Ports TanQuid

WCA Waste Austria

■ Energie Steiermark

■ Penn Terminals

Puget Energy

Red Hills Solar

Belgium

■ Brussels Airport

Czech Republic

- Vector Parks
- Ceske Radiokomunikace
- Czech Gas Networks

Communications Airports

■ INEA

Portugal

Viesgo

Slovakia

■ EP Infrastructure

Vector Parks

■ Towercom

Hidrocarburos

Servicios S.A.

Spain

Viesao

Energy

Empark Aparcamientos y

Compania Logistica de

Waste

Renewable Energy

Lvnn and Inner Dowsing (2)

United Kingdom

AGS Airports

Calon Energy

Gwynt y Mor

Race Bank

Rampion

Rhyl Flats

Sheringham Shoal

Westermost Rough

■ Condor Group

■ Argiva

Cadent

Galloper

Lincs

- Adhunik Power and Natural Resources
- Ashoka Concessions
- GMR Airports

India

- Gujarat Roads & Infrastructure
- Hindustan Clean Energy Ltd
- Ind-Barath Energy
- MB Power

Utilities

- Soham Renewable Energy
- Swarna Tollways Private Limited ■ Viom Networks

Roads and Rail

■ Philippine Coastal Storage & Pipeline

GSR Energy Investments

■ GNPower Kauswagan

NLREC Wind Farm

■ Universal Terminal

■ Negros Island Solar Power

San Carlos Solar Energy

Energy Development Corporation

OGK-5

Philippines

■ LRT 1 Metro

■ Russian Towers

Oiltanking Singapore Chemical

Other Transport Services

- Avocado Farms (3 farms)
- Axicom Group
- Endeavour Energy
- Genesee & Wyoming Australia
- Hobart International Airport
- Lawson Grains (10 farms)
- MREEFs
- Paraway Pastoral (23 farms)
- Prospect Water
- SA Land Services
- Viridis Ag (2 farms)

New Zealand

Oceania Healthcare

Japan

■ Central Tank Terminal

Real Estate

Aariculture

Other Real Assets

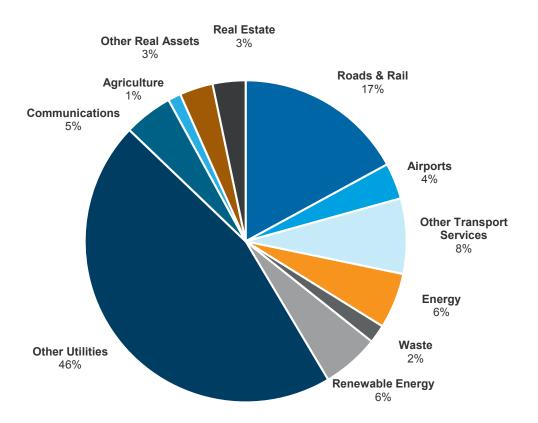
1. As at 31 March 2018. Represents portfolio businesses which Macquarie Infrastructure and Real Assets manages on behalf of investors with various direct percentage stakes held in each. Portfolio businesses shown on the map are representative and not exhaustive. In some instances they represent the operations of a single business where it has operations across different countries



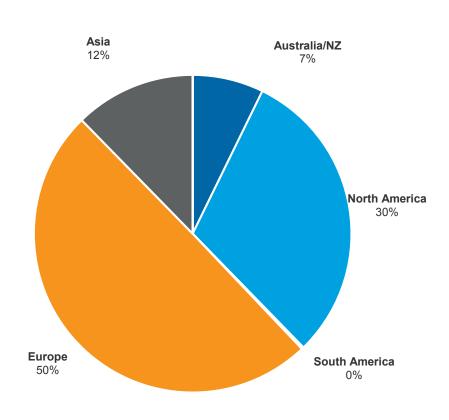


Macquarie Infrastructure and Real Assets manages investments in a diversified portfolio of businesses¹

Assets by sector



Assets by region



^{1.} As at 31 March 2018, based on AUM. May not total to 100% due to rounding.

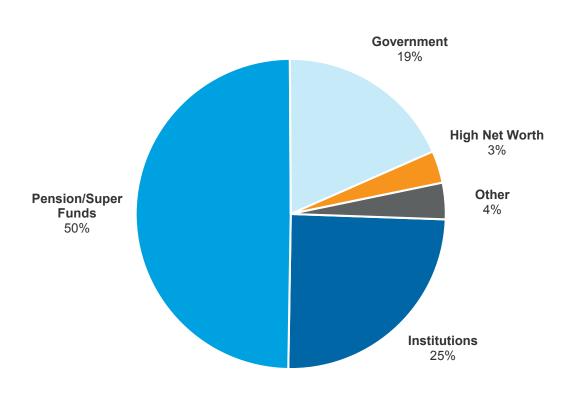




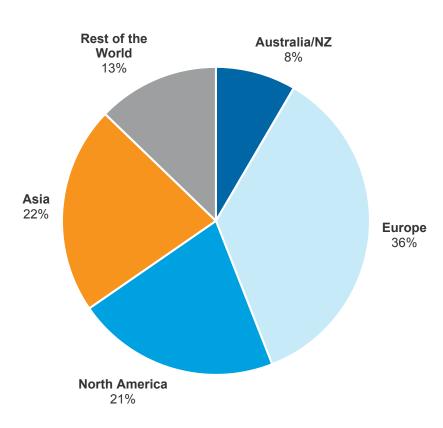


Investors include international institutions, pension funds, governments and high net worth clients

Unlisted investors by type



Unlisted investors by region



^{1.} As at 31 March 2018, based on total committed capital less any non-recallable capital returned to investors. May not total to 100% due to rounding.





Every day ~100 million people use essential services provided by businesses in which MIRA manages investments



Airports

~ 125 million passengers per annum



Roads

~ 1 million vehicles per day



Rail

~ 160 million passengers per annum



Ferries

~ 1 million passengers per annum



Sea Ports

~ 5 million standard container units handled per annum



Communications

~ 103 million people through television, telephone and radio infrastructure



Power Generation

~ 30,000 GWh power generated per annum



Gas

~ 14 million households



Water

~ 4 million households



Electricity

~ 3 million households



Aged Care / Retirement Villages

~ 4,000 beds



Employees / Contractors

~ 100,000 across the portfolio businesses

Note: Data as at 31 March 2018 or most recent

Sourcing, analysing, acquiring and managing





Macquarie is disciplined in sourcing, analysing, acquiring and managing investments in portfolio businesses

Sourcing, analysing and acquiring

Experienced global team sourcing, analysing and acquiring portfolio businesses

- Portfolio businesses are sourced in many ways, including exclusive negotiations, government privatisations and partnering with industry leaders
- Acquisitions are subject to extensive due diligence and must meet stated investment criteria

Business management

Operational specialists driving the key strategic and operating activities of the businesses

Senior executives with extensive industry or operational backgrounds prior to joining Macquarie

Capital management

Financial expertise to actively manage capital structure

Optimal capital structure as the business grows or market conditions change

Long-term returns to investors







There are a number of necessary elements to actively managing investments in operating businesses

De-Risk

Integration

- A transition plan (100 day plan) is developed during the acquisition due diligence, which is implemented by a dedicated team upon acquisition
- Key transition plan activities include:
 - Confirmation of business plan
 - Ensuring ability of business to perform essential activities after change of control
 - Creating framework for internal risk identification and management, reporting, procedures and controls

Optimise

Business management

- Oversee development of annual business plans, which include details on:
 - Major capital expenditure programs
 - Efficiency-enhancing projects
 - Specific revenue or marketing initiatives
- Oversee development of strategic plans which could include:
 - Organisation/management restructures
 - Bolt-on acquisitions
 - Refinancing of debt

Manage and Monitor

Ongoing management

- Actively monitor performance of business against business plan and make relevant changes
- Actively monitor the implementation of specific projects outlined in the business or strategic plan







Macquarie and staff have invested ~\$A1.8¹ billion in Macquarie Infrastructure and Real Assets managed funds²

Macquarie Group

- Macquarie has substantial investments (~\$A1.6¹ billion) in Macquarie Infrastructure and Real Assets managed funds
- Listed fund performance fees typically reinvested in securities

Investors

 Investors have \$A86.2¹ billion of equity invested in Macquarie Infrastructure and Real Assets managed funds

Macquarie Employees

- Employees have ~\$A0.3¹billion invested in MIRA managed funds
- Profit share incentive structure linked to performance of fund(s) for all MIRA employees
- Between 40% and 50% of the profit share of MIRA Executive Directors is retained, vesting over a period of three to seven years. Between 50% and 75% of this amount is notionally invested in MIRA funds, with the residual invested in MQG shares

^{1.} As at 31 March 2018

^{2.} MIRA's ability to control or influence ongoing operations and risk management will differ for each business based on the extent of its contractual governance rights at each business through the level of ownership influence and board representation.



Infrastructure







Successful infrastructure projects deliver for the community and for investors

• Infrastructure businesses have many attractive investment characteristics but require significant ongoing management to deliver services for the community and value for investors















Essential services supporting the community

High barriers to entry

Stable, predictable, cash flows

Low demand elasticity

Underlying cash flows linked to inflation

Low correlation with other asset classes

Long operational life

MIRA's Active Management

Improved operational performance

Optimal capital structure

Cost effective capital expenditure

Operating cost control

Delivering for investors and for the community





Macquarie: a world leader in infrastructure for over 20 years



Nicholas Moore Managing Director and CEO. Macquarie Group



Shemara Wikramanayake Group Head. Macquarie Asset Management



Martin Stanley Division Head. Macquarie Infrastructure and Real Assets



John Roberts Non-Executive Chairman. Macquarie Infrastructure and Real Assets

Each has 20+ years' of infrastructure experience

1990

1990

Began advising third-party clients on privatisations and acquisitions

IPO of Hills Motorway Group - Australia's first listed toll road

Infrastructure funds management group established

1996

IPO of Infrastructure Trust of Australia - Australia's first listed infrastructure fund

Macquarie Infrastructure Group IPO

South Africa Infrastructure Fund launched -Macquarie's first private infrastructure fund

2000

Advisor on Midland Expressway - the UK's first private toll road

Macquarie Global Infrastructure Fund I launched

2002

Sydney Airports Corporation acquisition the world's largest trade sale of an airport at the time

Macquarie Airports IPO

Macquarie Korea Infrastructure Fund launched

2003

Macquarie Global Infrastructure Fund II launched

Macquarie Essential Assets Partnership launched - Macquarie's first North American infrastructure fund

2004

Chicago Skyway concession - first PPP of a US interstate highway

Macquarie Infrastructure Corporation IPO on the NYSE

Macquarie Power & Infrastructure Income Fund IPO on the TSX

African Infrastructure Investment Fund launched

Macquarie European Infrastructure Fund launched - Macquarie's first European infrastructure fund

2005

Macquarie International Infrastructure Fund launched

Macquarie Korea Opportunities Fund launched

2006

Indiana Toll Road concession - the largest privatisation of a toll road in the US

2006 Cont.

Macquarie European Infrastructure Fund 2 launched

Macquarie Infrastructure Partners I launched

Thames Water acquisition - Macquarie's largest European infrastructure transaction

2007

Macquarie Global Infrastructure Fund III launched

2008

BAA refinancing - largest airport refinancing

ADCB Macquarie Infrastructure Fund Limited launched -Macquarie's first Middle Fastern infrastructure fund

Macquarie European Infrastructure Fund 3 launched

Macquarie Infrastructure Partners II launched

Responsible Contractor Policy adopted for Macquarie Infrastructure Partners II

Hired dedicated labour relations director in the US

2009

Puget Energy acquired -Macquarie's largest North American infrastructure transaction

2009 Cont.

Advisor on I - 595 Project - the first PPP of US toll road involving availability payment structure

Macquarie SBI Infrastructure Fund launched - Macquarie's first Indian infrastructure fund

Launched Macquarie's first Russia & CIS infrastructure fund

Macquarie Mexican Infrastructure Fund launched

2010

Acquisition of Delaware Investments and launch of first fund post acquisition, the Delaware Macquarie Global Infrastructure Fund

Announced acquisition of Thyssengas, Germany

Acquisition of first Indian infrastructure assets

Deployed over \$A2 billion of investor capital

Fully deployed MEIF 2 and 3

2011

Reached financial close on acquisition of České Radiokomunikace, Czech Republic

SBI Macquarie Infrastructure Trust reached final close

2011 Cont.

Reached financial close on investment in GMR Airports

Macquarie Mexican Infrastructure Fund acquired interest in Mareña Renovables (wind energy)

Macquarie Essential Assets Partnership completed the divestment of its final two assets, successfully concluding the term of the fund

Reached financial close on acquisition of GSR Energy Investments, Russia

Reached financial close on US investment in WCA Waste and Elizabeth River Tunnels and Leaf River, US

Acquisition of Open Grid Europe

Macquarie Russia & CIS Infrastructure Fund reached financial close on the acquisitions of Russian Towers and OGK-5

Philippine Investment Alliance for Infrastructure fund launched

Korea Private Concession Fund launched

2013

Final close for Macquarie Greater China Infrastructure Fund and Macquarie European Infrastructure Fund 4

Launched Asia Pav Television Trust on Singapore Exchange

Fully deployed Korea Macquarie Growth Fund

Acquired 2 power stations in the UK

Deployed \$A2.9 billion of investor equity

Reached financial close on Goethals Bridge Replacement Project

Achieved the largest first close for an unlisted fund in MIRA's history

Completed 21 additional investments across the globe

Korea Private Concession Fund 2 launched and fully deployed

2014

Macquarie becomes sole manager of Greater China Infrastructure Fund

Macquarie Infrastructure Partners III reaches final close of over USD3bn

Macquarie Korea Opportunities Fund No. 3 launched

Bank's Global Infrastructure Facility

2015

Philippine Investment Alliance for Infrastructure fund fully deployed

2018

Macquarie International Infrastructure Fund completes divestment of portfolio and delists

APRR refinancing awarded Road Finance Deal of the Year in Europe

2016

Asian Regional Platform Reaches Final Close at USD3.1bn

Macquarie European Infrastructure Fund V launched with commitments of EUR4bn

MIRA-led consortium acquired 61% stake in the UK's largest gas distributor

2017

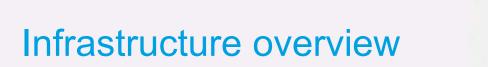
Macquarie Atlas Roads enters the S&P/ASX 100 Index

Green Investment Bank funds management team join MIRA

2018

Macquarie Asia Infrastructure Fund 2 achieved final close with \$US3 3 billion of investor commitments

MIRA Infrastructure Global Solution reaches Final Macquarie joins the World Close of \$US1.04 billion





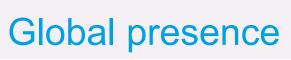


Extensive experience sourcing and managing infrastructure investments

			1996		March 2018
Funds / Vehicles	Unlisted	No.	-	•	32
	Listed	No.	2	•	3
Portfolio Businesses		No.	4	•	129
Assets under Management		\$Abn	1.6	•	145.5 ¹
Equity under Management	Unlisted	\$Abn	-	•	65.9 ²
	Listed	\$Abn	0.6	•	11.7 ²

^{1.} Based on proportionate enterprise value, calculated as proportionate net debt and equity value at 31 December 2017 for the majority of assets.

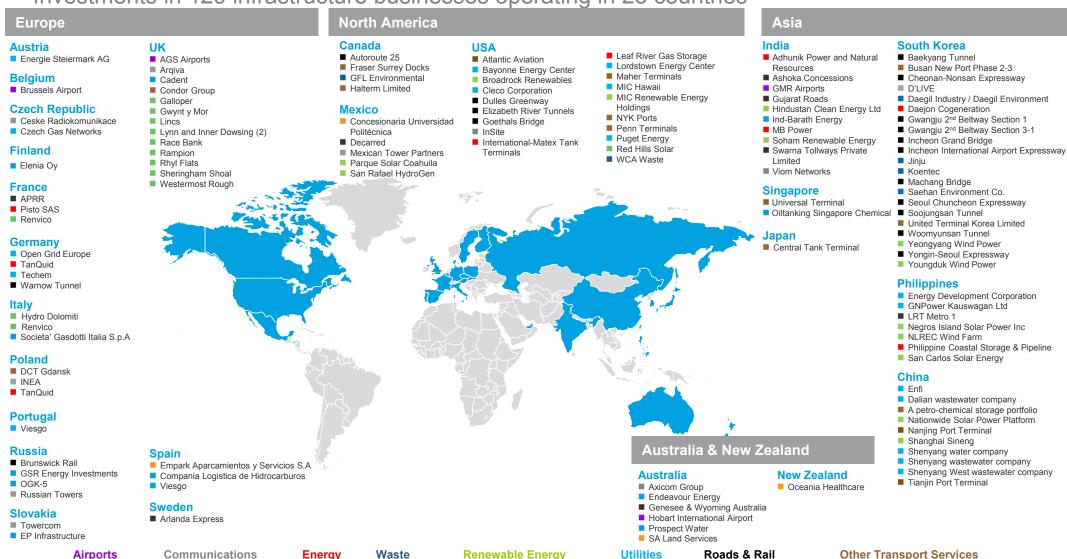
^{2.} Listed funds – market capitalisation plus fully underwritten or committed future capital raisings. Unlisted funds – committed capital less any non-recallable capital returned to investors. Invested capital for other MIRA businesses. For jointly managed funds, amount is representative of Macquarie's economic ownership of the JV manager. Adjustments have been made where MIRA managed funds have invested in other MIRA managed funds.







Investments in 129 infrastructure businesses operating in 25 countries¹



1. As at 31 March 2018. Represents infrastructure portfolio businesses which Macquarie Infrastructure and Real Assets manages on behalf of investors with various direct percentage stakes held in each. Portfolio businesses shown on the map are representative and not exhaustive. In some instances they represent the operations of a single business where it has operations across different countries.

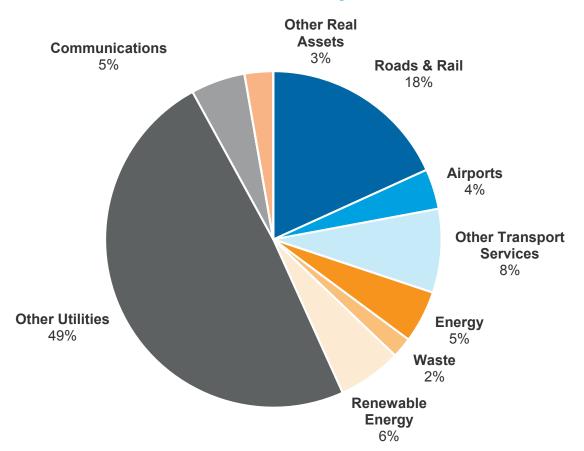




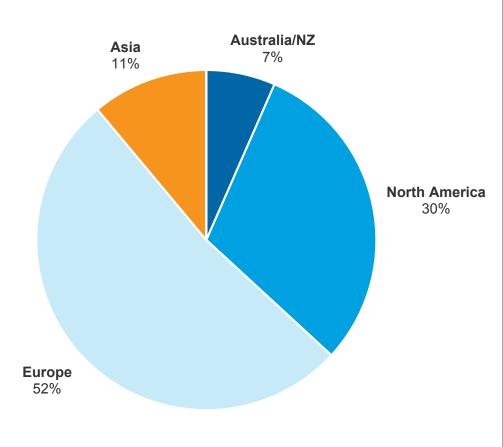


Macquarie Infrastructure and Real Assets managed infrastructure funds have investments in a diverse portfolio of businesses¹

Infrastructure AUM by Sector



Infrastructure AUM by Region



^{1.} As at 31 March 2018, based on AUM. May not total to 100% due to rounding.





Local expertise, knowledge and relationships are critical to successful infrastructure investing

	Europe, Middle Ea and Afric		Americas	Asia	Asia Australia and New Zealand		
Infrastructure AUM ¹	\$Abn	75.8	44.1	16.1	9.6	145.5 ¹	
Infrastructure Businesses	No.	40	31	51	7	129	
MIRA Infrastructure Offices ²	No.	7	6	9	2	24	
MIRA Staff numbers ²	No.	~150	~140	~110	~80	~480	



1. As at 31 March 2018. For methodology of AUM please refer to slide 26. For the purpose of the slide infrastructure AUM by region figures were rounded.

2. Based on total MIRA Staff numbers across all pillars as at 31 March 2018.



Fund profiles







A listed trust that invests in Mexican real estate

About FIBRA Macquarie (BMV:FIBRAMQ)

- FIBRA Macquarie is a real estate investment trust (fideicomiso de inversión en bienes raices) targeting industrial, retail and office real estate opportunities in Mexico with a primary focus on stabilized income-producing properties. FIBRA Macquarie issued real estate trust certificates (certificados bursátiles fiduciarios inmobiliarios) ("CBFIs") which are listed on the Mexican Stock Exchange (Bolsa Mexicana de Valores).
- More info: http://www.fibramacquarie.com/



Business portfolio

Mexico

 271 industrial properties and 17 retail/office properties, located in 20 cities across 16 states of Mexico. Nine of the retail properties are held through a 50/50 joint venture with Grupo Frisa.

Note: As at 31 March 2018. This factsheet does not constitute an offer to sell or a solicitation of an offer to buy any securities.







About the funds

- GIF II and GIF III are both 10-year, closed-end funds which target businesses characterised by their sustainable competitive advantage, and look to add value to investments through active management.
- GIF II was established in September 2003, while GIF III was established in March 2007. Both are closed to new investors.



Business portfolio

(ownership interest)

GIF II UK

Argiva (0.7%)

New Zealand

Oceania Healthcare (28.6%)

Poland

• DCT Gdansk (63.8%)

GIF III

Australia

 Hobart International Airport (50.1%)

New Zealand

Oceania Healthcare (14.0%)

Note: As at 31 March 2018. This factsheet does not constitute a solicitation of capital commitments





Unlisted funds investing in infrastructure businesses in Asia Pacific

About the MAIFs

- MAIF1 and MAIF2 are 10-year closed end funds targeting core and core-plus infrastructure investments in investment-grade Asia (Greater China, India, Korea, Japan, Singapore, Malaysia, Thailand, Indonesia, Philippines, Australia and New Zealand)
- MAIF1 and MAIF2 reached their respective final closes in February 2016 and March 2018 and are now closed to new investors



Business^{1,2} portfolio (ownership

interest)

Australia

- Axicom (21.4%)
- Genesee & Wyoming Australia (24.5%)

China

- Enfi Environmental Protection (37.9%)
- Shanghai Sineng (50.0%)

India

- Gujarat Roads & Infrastructure (56.8%)
- Stride Climate Investments (100%)
- Swarna Tollways (70.0%)
- Ind-Barath Energy (IBEUL)3
- Indian toll road portfolio (100%)⁴

Japan

Central Tank Terminal (100%)

Korea

- Daejeon Combined Heat & Power (39.7%)
- Green Energy Holdings (27.0%)
- United Terminal Korea (43.0%)
- ADT Caps (5.8%)⁴

Philippines

Energy Development Corporation (28.5%)⁵

Singapore

- Universal Terminal (13.6%)
- Oiltanking Singapore Chemical Storage (50.0%)

Note: As at 31 March 2018. This factsheet does not constitute a solicitation of capital commitments.

- 1. MAIF1 (fully deployed): the above business portfolio represents ~98% of total capital commitments for MAIF1
- 2. MAIF2 (deployment in progress): the above business portfolio represents ~51% of total capital commitments for MAIF2
- 3. Not applicable as MAIF1 invested in IBEUL via a preferred equity instrument
- 4. Financial close expected by 2H 2018
- 5. MAIF1 and MAIF2 each owns 14.25% in Energy Development Corporation

Atlas Arteria



A listed fund investing in infrastructure assets globally¹

About Atlas Arteria (ASX:ALX) S&P/ASX 100

- Atlas Arteria (ALX) is a global infrastructure developer, operator and investor that was listed on 25 January 2010. It was created out of the portfolio reorganisation of Macquarie Infrastructure Group into two separate ASX-listed toll road groups, ALX (formerly MQA) and Intoll Group.
- ALX's strategy is to deliver growing distributions and enhance the value of its portfolio for securityholders.
- ALX seeks to invest in global infrastructure assets that generate stable cash flows and offer resilient long-term performance through economic cycles.
- More info: https://www.atlasarteria.com



France

- APRR (25.0%)
- ADELAC (25.03%)²

Germany

Warnow Tunnel (70.0%)

US

• Dulles Greenway (100%)3



Note: As at 13 June 2018. This factsheet does not constitute a solicitation of capital commitments.

- 1. On 15 May 2018, ALX securityholders approved the internalisation of ALX management. Macquarie will remain as manager of ALX until May 2019 (unless ALX management agreements are terminated earlier).
- 2. ALX holds a 25.03% indirect interest in ADELAC, 12.48% through APRR and the remaining 12.55% through Macquarie Autoroutes de France 2 SA (MAF2).

3. Estimated economic interest held through ~86.6% subordinated loans and ~13.4% equity.







An unlisted fund investing in agriculture businesses across Australia and Brazil

About MCP

- Macquarie Crop Partners (MCP) owns and operates largescale grain and oilseed production assets in Australia and Brazil, which both have established agricultural sectors and are major participants in global commodity markets.
- Returns are generated through a number of sources including via underlying farm operations and through capital appreciation, where land is owned.



Business portfolio

Australia

 MCP operates approximately 90,000 arable hectares of land across ten aggregations, through it's Australian business Lawson Grains Pty Ltd.

Brazil

 MCP operates approximately 37,000 arable hectares of land across three aggregations, through it's Brazilian business Cruzeiro do Sul Graos Ltda, and other affiliated entities.



Note: As at 31 March 2018. This factsheet does not constitute a solicitation of capital commitments.

Macquarie European Infrastructure Funds





Unlisted funds investing in European infrastructure businesses

About the MEIFs

 The MEIFs are wholesale funds focusing on investments in high-quality infrastructure businesses in developed European countries. The MEIFs aim to invest in businesses that provide essential services to the community with a strategic competitive advantage and sustainable and predictable cash flows. Investors in the MEIFs are primarily pension funds and other institutional investors seeking long-term, stable returns. MEIF1, MEIF2, MEIF3, MEIF4 and MEIF5 established in April 2004, May 2006, March 2008, September 2011 and September 2016 respectively, are closed to new investors.

Business portfolio (ownership interest)

UK

- AGS Airports (32.5%)
- Arqiva (25.0%)
- Condor Group (100%)
- Offshore Wind Co (50.0%)
- Race Bank (25.0%)

Austria

Energie Steiermark AG (25.0%)

Belgium

Brussels Airport (36.0%)¹

Czech Republic

- Ceske Radiokomunikace (86.5%)²
- Czech Gas Networks (75.0%)

France

- APRR (15.6%)
- Compteurs Farnier (100%)³

Italy

- Hydro Dolomiti (40.0%)
- Renvico Italy (100%)
- Societa' Gasdotti Italia (69.4%)

Germany

- GWE (100%)³
- Open Grid Europe (23.6%)
- Techem (100%)

Poland

• INEA (86.54%)

Slovakia

- EP Infrastructure (37.1%)
- Towercom (100%)

Spain

- Compañia Logistica de Hidrocarburos (17.4%)
- Empark Aparcamientos y Servicios S.A. (82.58%)
- Viesgo (54.7%)

Note: As at 31 March 2018. This factsheet does not constitute a solicitation of capital commitments.

- Combined stake. MEIF1: 10.0%, MEIF3: 26.1%
- Combined stake. MEIF2: 73.0%, MEIF3: 13.5%
- 3. The business has been integrated into the Techem business.

Macquarie Greater China Infrastructure Fund





A fund that focuses on core and core plus infrastructure assets in Greater China

- About MGCIF Launched in 2011, MGCIF is a closed-end fund that invests in a diversified portfolio of infrastructure assets in mainland China.
 - MGCIF raised \$US870m in commitments, with support from leading infrastructure investors across Asia, Europe and North America.
 - MGCIF is now closed to new investors.



China

MGCIF acquired interests in eight companies across three infrastructure sectors, of which one was successfully divested in 2016.

The portfolio comprises investments in the following three sectors: water and wastewater treatment, renewable energy (solar power) and ports and oil/ petrochemical storage terminals.





Note: As at 31 March 2018. This factsheet does not constitute a solicitation of capital commitments





A listed company that owns and invests in quality, U.S. infrastructure businesses

About MIC (MIC:NYSE)

 MIC owns and operates a diversified group of businesses providing basic services to customers in the United States. Its businesses consist of a bulk liquid terminals business, International-Matex Tank Terminals, an airport services business, Atlantic Aviation, entities comprising an energy services, production and distribution segment, MIC Hawaii, and entities comprising a Contracted Power segment.



Business portfolio (ownership interest)

Bulk Liquid Storage Terminals

More info: www.macguarie.com/mic

 International-Matex Tank Terminals (IMTT) (100%)

Airport Services

Atlantic Aviation (100%)

MIC Hawaii

- Hawaii Gas (100%)
- Waihonu Solar (99.0%)

Contracted Power

- Bayonne Energy Center (100%)
- Idaho Wind Partners (74.8%)
- Brahms Wind (62.3%)
- Ramona Solar (82.8%)
- Valley Center Solar (76.1%)
- Davis Monthan AFB Solar (90.0%)
- Bryan Solar (90.0%)
- Picture Rocks Solar (57.5%)
- Red Hills Solar (100%)

Note: As at 31 March 2018. This factsheet does not constitute a solicitation of capital commitments







PAGE 39

Unlisted funds investing in North American infrastructure businesses

About the MIPs

 MIP, MIP II and MIP III are unlisted funds that intend to earn income directly and indirectly from infrastructure businesses and businesses with similar characteristics. They are closed-end 10-year funds with possible extensions and invest in businesses located in North America. Investors in the MIPs are primarily pension funds and other institutional investors seeking long-term, stable returns. MIP, MIP II and MIP III were established in May 2006, March 2008 and April 2013 respectively and are closed to new investors.

Business portfolio (ownership

interest)

US

- Broadrock Renewables (100%)
- Goethals Bridge (90.0%)
- Penn Terminals (100%)
- Puget Energy (43.9%)1
- WCA Waste (91.7%)
- Elizabeth River Tunnels (36.3%)
- Leaf River (100%)
- NYK Ports (49.0%)
- Lordstown Energy Center (64.7%)
- Cleco Corporation (27.3%)
- InSite Wireless (42.4%)
- Maher Terminals (80.0%)

Canada

- Autoroute 25 (100%)
- Fraser Surrey Docks (100%)
- GFL Environmental (36.2%)
- Halterm Limited (100%)



Note: As at 31 March 2018. This factsheet does not constitute a solicitation of capital commitments 1. Combined stake. MIP: 33.99%, MIP II: 9.9%.

MACQUARIE







A listed fund investing in Korean infrastructure businesses

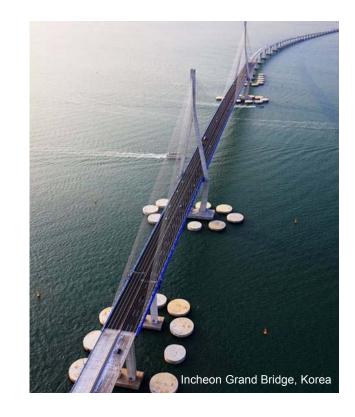
About MKIF (088980:KRX, MKIF.LI:LSE)

- MKIF is Korea's first listed infrastructure fund, and is managed by Macquarie Korea Asset Management Company Limited. MKIF targets investments in infrastructure projects in Korea, primarily PPI projects, such as toll roads and ports. MKIF was established in 2002 as an unlisted fund and subsequently listed on the Korea Exchange and London Stock Exchange in 2006.
- More info: www.macquarie.com/mkif

Business portfolio (ownership interest)

South Korea

- Soojungsan Tunnel (100%)
- Baekyang Tunnel (100%)
- Busan New Port Phase 2-3 (30.0%)
- Cheonan-Nonsan Expressway (60.0%)
- Gwangju 2nd Beltway Section 1 (100%)
- Gwangju 2nd Beltway Section 3-1 (75.0%)
- Incheon Grand Bridge (64.1%)
- Incheon International Airport Expressway (24.1%)
- Machang Bridge (70.0%)
- Seoul-Chuncheon Expressway (15.0%)
- Woomyunsan Tunnel (36.0%)
- Yongin-Seoul Expressway (43.8%)



Note: As at 31 March 2018. This factsheet does not constitute a solicitation of capital commitments.

1. The percentage figure in each business is shown as a percentage ownership of the concession company.

Macquarie Mexican Infrastructure Fund



Investing in Mexican infrastructure businesses

About MMIF

 Macquarie Mexican Infrastructure Fund (MMIF) is Macquarie's first managed fund in Latin America, and was the first pesodenominated fund focused solely on investment opportunities in Mexican infrastructure projects. The Fund targets investments across infrastructure asset classes that include roads and rail, airports, ports, water and wastewater, energy and utilities, as well as social and communications infrastructure. Cornerstone investors in MMIF include Mexico's National Infrastructure Fund (FONADIN), a number of Mexican pension funds, as well as Macquarie Group.



Business portfolio (ownership interest)

Mexico

- State Road Concession (100%)
- Mexico Tower Partners (50.0%) a national telecommunication towers business
- CUP (100%) a University PPP
- San Rafael HydroGen (49.0%) a mini-hydro facility
- Parque Solar Coahuila (100%) a solar energy project

Note: As at 31 March 2018. This factsheet does not constitute a solicitation of capital commitments





An unlisted fund investing in agricultural businesses across Australia

About MPF

- Established in 2007, Macquarie Pastoral Fund (MPF) is focused on investing in Australian red meat production assets with the primary purpose of generating returns from breeding and fattening cattle and sheep
- Production assets may also generate ancillary returns from sources including crops.



Business portfolio

Australia

- Paraway has become one of the largest farmland property owners in Australia, through an extensive acquisition program.
- To date, Paraway has purchased over 40 properties which have been aggregated into 23 pastoral businesses.
- These pastoral businesses operate in an integrated manner across three geographic subregions providing investors diversity by climatic zone and breed across 4.4 million hectares of farmland, capable of carrying over 200,000 head of cattle and 240,000 head of sheep.
- These pastoral businesses have been grouped into production chains that can supply large volumes of product across a number of categories.

Note: As at 31 March 2018. This factsheet does not constitute a solicitation of capital commitments.





A series of unlisted wholesale real estate development funds

About MREEF

- The MREEFs combine the financial capability, resources and skills of Macquarie with leading and experienced local development partners.
- The MREEF series of wholesale unlisted funds, the first of which was established in February 2002, allow investors to source development and value add opportunities across a wide range of sectors.
- The MREEF series are closed to new investors.



Business portfolio

The MREEFs had a portfolio of Australian assets across a number of sectors including:

- Residential
- Office
- Industrial

Note: As at 31 March 2018.

Macquarie Russia & CIS Infrastructure Fund





An unlisted fund investing in Russian and CIS infrastructure businesses

About MRIF

- MRIF is the first major private infrastructure fund targeting investments in Russia and the Commonwealth of Independent States (CIS).
- Its mandate is to make equity-related investments in a diversified portfolio of infrastructure assets.
- Investors in the fund include Macquarie, Vnesheconombank (the Russian State Corporation Bank for Development and Foreign Economic Affairs), Eurasian Development Bank, the European Bank for Reconstruction and Development, the International Finance Corporation, and Kazyna Capital Management.
- MRIF held its first close in 2009 and is now closed to new investors.



Business portfolio (ownership interest)

- Brunswick Rail (15.2%) Russia's largest privately owned provider of railcar leasing services with a fleet of approximately 25,000 railcars.
- GSR Energy Investments (27.9%) Operator of heat and power generation and heat distribution facilities in Kolpino, St Petersburg region, Russia.
- Russian Towers (23.7%) Largest independent operator and developer of telecommunications tower infrastructure in Russia.
- OGK-5 (5.8%) A leading power generation company that owns and operates four power plants in western Russia.

Note: As at 31 March 2018. This factsheet does not constitute a solicitation of capital commitments







Unlisted fund investing in Indian infrastructure businesses

About MSIF

- MSIF was established in April 2009 as part of a dual fund co-investment structure designed to provide both
 international and domestic investors an exposure to Indian infrastructure. MSIF is mandated to invest in traditional
 infrastructure, other infrastructure and infrastructure-like assets in India.
- MSIF is jointly managed by Macquarie and the State Bank of India (the oldest and largest commercial bank in India), with the International Finance Corporation as a minority shareholder and cornerstone investor. MSIF raised capital commitments of \$US910 million. Additionally, the domestic fund (SMIT) reached final close in Q1 CY2011. SMIT raised capital commitments of ~ \$US260 million¹, which includes a commitment by SBI of the Indian Rupee equivalent of \$US150 million. MSIF and SMIT have entered into an investment co-operation framework agreement, setting out the terms on which they may co-invest into Indian infrastructure opportunities.

Business portfolio

India

- ATC Telecom Infrastructure Private Limited
- Adhunik Power and Natural Resources
- MB Power (Madhya Pradesh) Ltd³
- GMR Airports Ltd³
- Soham Renewable Energy³
- Ashoka Concessions Limited



Note: As at 31 March 2018. This factsheet does not constitute a solicitation of capital commitments

- 1. USD equivalent of INR 11,871m.
- 2. Investments made by a consortium led by MSIF. Interest, where specified, is for the consortium as a whole.
- 3. Investments in MB Power, GMR Airports and Soham Renewable Energy are by way of convertible instruments.

Philippine Investment Alliance for Infrastructure





Unlisted fund invested in core infrastructure projects in the Philippines

About PINAL

- The Philippine Investment Alliance for Infrastructure (PINAI) is a 10 year, closed-end fund, dedicated to infrastructure equity investments in the Philippines.
- The fund had its first and final close in July 2012, with PHP26 billion (approximately \$US559 million) in commitments. PINAI is closed to new investors.
- More info: http://www.mirafunds.com/our-funds/pinai



Business portfolio (ownership interest)

A sectorally and geographically diverse portfolio, with 6 assets located across the nation:

- North Luzon Renewables Wind Farm (31.1%)
- Philippine Coastal Storage & Pipeline Corporation (100%)
- LRT 1 Metro (10.0%)
- San Carlos Solar Energy Inc. (96.0%)
- GN Power Kauswagan Co. Ltd. (28.6%)
- Negros Island Solar Power Inc. (67.1%)

Note: As at 31 March 2018. This factsheet does not constitute a solicitation of capital commitments



Additional information







Equity under Management

Equity under Management by type	Equity under Management ^{1,2} (\$Am)
Unlisted equity	73,362
Listed equity	12,880
Total Macquarie Infrastructure and Real Assets EUM	86,242

Equity under Management by region	
Australia	11,630
Europe, Middle East and Africa	33,544
Americas	21,451
Asia	19,617
Total Macquarie Infrastructure and Real Assets EUM	86,242

2. For the purpose of the slide EUM by region figures were rounded. All numbers and exchange rates where applicable as of measurement date, 31 March 2018. Exchange rates are set forth on slide 49.

^{1.} EUM is defined as market capitalisation plus fully underwritten or committed future capital raisings for listed funds and committed capital less any called capital returned to investors for unlisted funds. Invested capital for other MIRA managed businesses. For jointly managed funds, amount is representative of Macquarie's economic ownership of the JV manager. Adjustments have been made where MIRA managed funds have invested in other MIRA managed funds. AUM is defined as proportionate enterprise value, calculated as proportionate net debt and equity value at 31 December 2017 for the majority of assets.

Appendix Exchange rates





Exchange rates as at 31 March 2018

Currency	Exchange Rate (\$A)
EUR	1.6029
GBP	1.8251
USD	1.3010
CAD	1.0090
ZAR	0.1101
SGD	0.9922
KRW	0.0012
JPY	0.0122
CHF	1.3631
CNY	0.2073
INR	0.0200
MXN	0.0716

^{1.} MIRA Economics Model – 31 March 2018