

This publication was downloaded for exclusive use by: celeste.yap@macquarie.com

Flashnote 30 May 2019

Malaysia

#### **EQUITIES**

MRC MK Price (at 13:42, 29 May 2019 GMT)	C	Outperform RM0.92		
Valuation - Sum of Parts	RM	1.02-1.31		
12-month target	RM	1.20		
Upside/Downside	%	+30.4		
12-month TSR	%	+32.1		
Volatility Index		High		
GICS sector	Ca	Capital Goods		
Market cap	RMm	3,960		
Market cap	US\$m	945		
Free float	%	44		
30-day avg turnover	US\$m	1.7		
Number shares on issue	m	4,304		

#### Investment fundamentals

Year end 31 Dec		2018A	2019E	2020E	2021E
Revenue	m	1,870.7	1,977.8	2,778.1	3,394.5
EBITDA	m	158.4	222.0	330.0	364.4
EBIT	m	120.9	194.8	289.2	324.7
Reported profit	m	101.2	145.3	227.5	241.3
Adjusted profit	m	75.4	145.3	227.5	241.3
EPS rep	sen	2.3	3.3	5.2	5.5
EPS rep growth	%	-60.6	43.7	56.5	6.1
EPS adj	sen	1.7	3.3	5.2	5.5
EPS adj growth	%	-52.5	92.7	56.5	6.1
PER rep	Х	39.9	27.8	17.7	16.7
PER adj	Х	53.5	27.8	17.7	16.7
Total DPS	sen	1.3	1.5	1.8	1.8
Total DPS growth	%	-28.6	20.0	16.7	0.0
Total div yield	%	1.4	1.6	1.9	1.9
ROA	%	1.3	2.3	3.4	3.6
ROE	%	1.6	3.0	4.5	4.7
EV/EBITDA	Х	27.1	20.9	13.2	11.7
Net debt/equity	%	19.2	17.6	21.4	29.0
P/BV	Х	0.8	0.8	0.8	0.8

# MRC MK rel KLCI performance, & rec history



Note: Recommendation timeline - if not a continuous line, then there was no Macquarie coverage at the time or there was an embargo period. Source: FactSet, Macquarie Research, May 2019 (all figures in MYR unless noted)

#### **Analysts**

Macquarie Capital Securities (Malaysia) Sdn. Bhd.



Aiman Mohamad +60 3 2059 8986 aiman.mohamad@macquarie.com

# MRCB (MRC MK)

# Big miss as property division fumbles; maintaining forecasts and rating

#### **Event**

- MRCB reported 1Q19 results, with adj. PAT of RM4.1mn (-81% YoY) tracking
  well behind MQ and consensus' FY19E estimates at 3% and 4%, respectively.
  1Q19 revenue was also weaker, at RM234mn (-45% YoY), tracking at only
  12% of MQ and consensus' FY19E estimates, respectively.
- Weaker results primarily came from the stalled earnings recognition of the company's two key property projects, which can start delivering earnings only upon completion of SPA. Also, MRCB was impacted by the stalling of the LRT3 project, which is expected to bring significant earnings contribution only in 3Q19.

#### **Impact**

- Maintaining Outperform rating and estimates. While the 1Q19 results are weak, we are not hastening to cut our estimates due to i) earnings from the stalled property projects will come in a big way starting 3Q19; ii) earnings from the LRT3 project will also start to contribute in 3Q19; iii) MRCB has completed the sale of its 30% stake in the St. Regis Hotel KL, which will bring R117.3mn in revenue and RM54mn in net gains; iv) the SUKE CA2 package, which MRCB secured in 1Q19, can see earnings contribution only as early as 3Q19, as MRCB needs to fabricate the precast products offsite; and iv) there is an en-bloc sale of MRCB's 9 Seputeh project amounting up to RM100mn to be booked in 3Q19 the sale will be concluded once the units are fully built.
- Property sales ahead of MQ estimates; management sets a sales target of RM800mn for FY19E. 1Q19 property sales registered at RM75mn, tracking ahead of our RM238mn FY19 sales estimate at 31.5%. Management indicated that for FYTD the sales number has reached RM220mn, and it is confident that MRCB Land could end the year with sales above RM800mn. Unbilled sales stood at RM1.6bn as at 1Q19-end. The stalled earnings recognition from this division has dragged revenue down by 61% YoY to RM85mn, with the EBIT margin down to only 3.5% from 11% in 1Q18.
- Construction margins improve, slower orderbook burn rate in 1Q19. The construction division saw its revenue drop 31% YoY to RM133mn in 1Q19 as a majority of its projects in the orderbook are still in infancy stages, thus bringing a slower burn rate. On a more positive note, the construction division EBIT margin expanded to 12.6% in 1Q19 from 8.4% in 1Q18. If the margins are sustained, we believe MRCB could book better earnings from this division, especially with the contribution from LRT3 project at the associate level starting in 3Q19. The outstanding orderbook is at RM21.4bn, with RM323mn of new orders secured FYTD.
- Still the main contender for the ECRL project. We believe MRCB will leverage on its steady balance sheet to bid for big-ticket projects. As at 1Q19-end, net gearing stood at only 22%, and therefore it should have ample headroom to gear up to bid for bigger projects. MRCB and Gabungan AQRS (AQRS MK, RM1.28, Outperform, TP: RM1.80) remain our main picks as the key beneficiaries of the local portion of the ECRL project.

# **Action and recommendation**

 Outperform rating reiterated, retaining MRCB as one of our top picks in the Malaysia construction sector.

#### Important disclosures:

#### Recommendation definitions

Macquarie – Asia, USA, Europe and Mazi Macquarie (SA):

Outperform – expected return >10% Neutral – expected return from -10% to +10% Underperform – expected return <-10%

#### Macquarie - Australia/New Zealand

Outperform – expected return >10% Neutral – expected return from 0% to 10% Underperform – expected return <0%

Note: expected return is reflective of a Medium Volatility stock and should be assumed to adjust proportionately with volatility risk

#### Volatility index definition\*

This is calculated from the volatility of historical price movements.

Very high-highest risk – Stock should be expected to move up or down 60–100% in a year – investors should be aware this stock is highly speculative.

**High** – stock should be expected to move up or down at least 40–60% in a year – investors should be aware this stock could be speculative.

**Medium** – stock should be expected to move up or down at least 30–40% in a year.

**Low-medium** – stock should be expected to move up or down at least 25–30% in a year.

**Low** – stock should be expected to move up or down at least 15–25% in a year.

\* Applicable to select stocks in Asia/Australia/NZ

Recommendations – 12 months

**Note:** Quant recommendations may differ from Fundamental Analyst recommendations

#### Financial definitions

All "Adjusted" data items have had the following adjustments made:

Added back: goodwill amortisation, provision for catastrophe reserves, IFRS derivatives & hedging, IFRS impairments & IFRS interest expense Excluded: non recurring items, asset revals, property revals, appraisal value uplift, preference dividends & minority interests

EPS = adjusted net profit / efpowa\*

ROA = adjusted ebit / average total assets

ROA Banks/Insurance = adjusted net profit /average total assets
ROE = adjusted net profit / average shareholders funds

ROE = adjusted net profit / average shareholders funds Gross cashflow = adjusted net profit + depreciation \*equivalent fully paid ordinary weighted average number of shares

All Reported numbers for Australian/NZ listed stocks are modelled under IFRS (International Financial Reporting Standards).

# Recommendation proportions - For quarter ending 31 March 2019

	AU/NZ	Asia	RSA	USA	CA	EUR	
Outperform	48.45%	56.50%	47.06%	51.94%	68.53%	51.76%	(for global coverage by Macquarie, 3.69% of stocks followed are investment banking clients)
Neutral	35.27%	30.15%	32.94%	42.78%	24.48%	38.19%	(for global coverage by Macquarie, 2.76% of stocks followed are investment banking clients)
Underperform	16.28%	13.35%	20.00%	5.28%	6.99%	10.05%	(for global coverage by Macquarie, 0.89% of stocks followed are investment banking clients)

Note: This table does not reflect the announced cessation of research services effective April 29, 2019, through our affiliate Macquarie Capital Markets Canada Ltd.

# MRC MK vs KLCI, & rec history



(all figures in MYR currency unless noted)



Note: Recommendation timeline – if not a continuous line, then there was no Macquarie coverage at the time or there was an embargo period. Source: FactSet, Macquarie Research, May 2019

#### 12-month target price methodology

MRC MK: RM1.20 based on a Sum of Parts methodology AQRS MK: RM1.80 based on a Sum of Parts methodology

#### Company-specific disclosures:

MRC MK: Macquarie may be an Issuer of Structured Warrants on securities mentioned in this report AQRS MK: Macquarie may be an Issuer of Structured Warrants on securities mentioned in this report.

Important disclosure information regarding the subject companies covered in this report is available at <a href="https://www.macquarie.com/research/disclosures">www.macquarie.com/research/disclosures</a>.

Date	Stock Code (BBG code)	Recommendation	Target Price
06-May-2019	MRC MK	Outperform	RM1.20
02-Feb-2019	MRC MK	Outperform	RM.90
26-Jul-2018	MRC MK	Outperform	RM1.00
30-Apr-2018	MRC MK	Outperform	RM1.25
19-Oct-2017	MRC MK	Outperform	RM1.15
30-Mar-2017	MRC MK	Outperform	RM1.75
07-Nov-2016	MRC MK	Outperform	RM1.61

#### Target price risk disclosures:

MRC MK: Any inability to compete successfully in their markets may harm the business. This could be a result of many factors which may include geographic mix and introduction of improved products or service offerings by competitors. The results of operations may be materially affected by global economic conditions generally, including conditions in financial markets. The company is exposed to market risks, such as changes in interest rates, foreign exchange rates and input prices. From time to time, the company will enter into transactions, including transactions in derivative instruments, to manage certain of these exposures.

AQRS MK: Any inability to compete successfully in their markets may harm the business. This could be a result of many factors which may include geographic mix and introduction of improved products or service offerings by competitors. The results of operations may be materially affected by global economic conditions generally, including conditions in financial markets. The company is exposed to market risks, such as changes in interest rates, foreign exchange rates and input prices. From time to time, the company will enter into transactions, including transactions in derivative instruments, to manage certain of these exposures.

#### Analyst certification:

We hereby certify that all of the views expressed in this report accurately reflect our personal views about the subject company or companies and its or their securities. We also certify that no part of our compensation was, is or will be, directly or indirectly, related to the specific recommendations or views expressed in this report. The Analysts responsible for preparing this report receive compensation from Macquarie that is based upon various factors including Macquarie Group Ltd total revenues, a portion of which are generated by Macquarie Group's Investment Banking activities.

30 May 2019 2

Macquarie Research MRCB (MRC MK)

# General disclaimers:

Macquarie Securities (Australia) Ltd; Macquarie Capital (Europe) Ltd; Macquarie Capital (Ireland) DAC; Macquarie Capital Markets North America Ltd; Macquarie Capital (USA) Inc: Macquarie Capital Limited, Taiwan Securities Branch; Macquarie Capital Securities (Singapore) Pte Ltd: Macquarie Securities (NZ) Ltd; Mazi Macquarie Securities (RF) (Pty) Ltd; Macquarie Capital Securities (India) Pvt Ltd; Macquarie Capital Securities (Malaysia) Sdn Bhd; Macquarie Securities Korea Limited and Macquarie Securities (Thailand) Ltd are not authorized deposit-taking institutions for the purposes of the Banking Act 1959 (Commonwealth of Australia), and their obligations do not represent deposits or other liabilities of Macquarie Bank Limited ABN 46 008 583 542 (MBL) or MGL. MBL does not guarantee or otherwise provide assurance in respect of the obligations of any of the above mentioned entities. MGL provides a guarantee to the Monetary Authority of Singapore in respect of the obligations and liabilities of Macquarie Capital Securities (Singapore) Pte Ltd for up to SGD 35 million. This research has been prepared for the general use of the wholesale clients of the Macquarie Group and must not be copied, either in whole or in part, or distributed to any other person. If you are not the intended recipient you must not use or disclose the information in this research in any way. If you received it in error, please tell us immediately by return e-mail and delete the document. We do not guarantee the integrity of any e-mails or attached files and are not responsible for any changes made to them by any other person. MGL has established and implemented a conflicts policy at group level (which may be revised and updated from time to time) (the "Conflicts Policy") pursuant to regulatory requirements (including the FCA Rules) which sets out how we must seek to identify and manage all material conflicts of interest. Nothing in this research shall be construed as a solicitation to buy or sell any security or product, or to engage in or refrain from engaging in any transaction. In preparing this research, we did not take into account your investment objectives, financial situation or particular needs. Macquarie salespeople, traders and other professionals may provide oral or written market commentary or trading strategies to our clients that reflect opinions which are contrary to the opinions expressed in this research. Macquarie Research produces a variety of research products including, but not limited to, fundamental analysis, macro-economic analysis, quantitative analysis, and trade ideas. Recommendations contained in one type of research product may differ from recommendations contained in other types of research, whether as a result of differing time horizons, methodologies, or otherwise. Before making an investment decision on the basis of this research, you need to consider, with or without the assistance of an adviser, whether the advice is appropriate in light of your particular investment needs, objectives and financial circumstances. There are risks involved in securities trading. The price of securities can and does fluctuate, and an individual security may even become valueless. International investors are reminded of the additional risks inherent in international investments, such as currency fluctuations and international stock market or economic conditions, which may adversely affect the value of the investment. This research is based on information obtained from sources believed to be reliable but we do not make any representation or warranty that it is accurate, complete or up to date. We accept no obligation to correct or update the information or opinions in it. Opinions expressed are subject to change without notice. No member of the Macquarie Group accepts any liability whatsoever for any direct, indirect, consequential or other loss arising from any use of this research and/or further communication in relation to this research. Clients should contact analysts at, and execute transactions through, a Macquarie Group entity in their home jurisdiction unless governing law permits otherwise. The date and timestamp for above share price and market cap is the closed price of the price date. #CLOSE is the final price at which the security is traded in the relevant exchange on the date indicated. Members of the Macro Strategy team are Sales & Trading personnel who provide desk commentary that is not a product of the Macquarie Research department or subject to FINRA Rule 2241 or any other regulation regarding independence in the provision of equity research.

Country-specific disclaimers:

Australia: In Australia, research is issued and distributed by Macquarie Securities (Australia) Ltd (AFSL No. 238947), a participating organization of the Australian Securities Exchange. Macquarie Securities (Australia) Limited staff involved with the preparation of research have regular interaction with companies they cover. Additionally, Macquarie Group Limited does and seeks to do business with companies covered by Macquarie Research. There are robust information barriers in place to protect the independence of Macquarie Research's product. However, recipients of Macquarie Research should be aware of this potential conflict of interest. New Zealand: In New Zealand, research is issued and distributed by Macquarie Securities (NZ) Ltd, a NZX Firm. United Kingdom: In the United Kingdom, research is issued and distributed by Macquarie Capital (Europe) Ltd, which is authorised and regulated by the Financial Conduct Authority (No. 193905). **Germany**: In Germany, this research is issued and/or distributed by Macquarie Capital (Ireland) DAC, which is authorised and regulated by the Central Bank of Ireland (No. C186531). France: In France, research is issued and distributed by Macquarie Capital (Ireland) DAC, which is authorised and regulated by the Central Bank of Ireland (No. C186531). Hong Kong & Mainland China: In Hong Kong, research is issued and distributed by Macquarie Capital Limited, which is licensed and regulated by the Securities and Futures Commission. In Mainland China, Macquarie Securities (Australia) Limited Shanghai Representative Office only engages in non-business operational activities excluding issuing and distributing research. Only non-A share research is distributed into Mainland China by Macquarie Capital Limited. Japan: In Japan, research is Issued and distributed by Macquarie Capital Securities (Japan) Limited, a member of the Tokyo Stock Exchange, Inc. and Osaka Exchange, Inc. (Financial Instruments Firm, Kanto Financial Bureau (kin-sho) No. 231, a member of Japan Securities Dealers Association). India: In India, research is issued and distributed by Macquarie Capital Securities (India) Pvt. Ltd. (CIN: U65920MH1995PTC090696), 92, Level 9, 2 North Avenue, Maker Maxity, Bandra Kurla Complex, Bandra (East), Mumbai - 400 051, India, which is a SEBI registered Research Analyst having registration no. INH000000545. Malaysia: In Malaysia, research is issued and distributed by Macquarie Capital Securities (Malaysia) Sdn. Bhd. (Company registration number: 463469-W) which is a Participating Organisation of Bursa Malaysia Berhad and a holder of Capital Markets Services License issued by the Securities Commission. Taiwan: In Taiwan, research is issued and distributed by Macquarie Capital Limited, Taiwan Securities Branch, which is licensed and regulated by the Financial Supervisory Commission. No portion of the report may be reproduced or quoted by the press or any other person without authorisation from Macquarie. Nothing in this research shall be construed as a solicitation to buy or sell any security or product. The recipient of this report shall not engage in any activities which may give rise to potential conflicts of interest to the report. Research Associate(s) in this report who are registered as Clerks only assist in the preparation of research and are not engaged in writing the research. Macquarie may be in past one year or now being an Issuer of Structured Warrants on securities mentioned in this report. Thailand: In Thailand, research is produced, issued and distributed by Macquarie Securities (Thailand) Ltd. Macquarie Securities (Thailand) Ltd. is a licensed securities company that is authorized by the Ministry of Finance, regulated by the Securities and Exchange Commission of Thailand and is an exchange member of the Stock Exchange of Thailand. The Thai Institute of Directors Association has disclosed the Corporate Governance Report of Thai Listed Companies made pursuant to the policy of the Securities and Exchange Commission of Thailand. Macquarie Securities (Thailand) Ltd does not endorse the result of the Corporate Governance Report of Thai Listed Companies but this Report can be accessed at: http://www.thaiiod.com/en/publications.asp?type=4. South Korea: In South Korea, unless otherwise stated, research is prepared, issued and distributed by Macquarie Securities Korea Limited, which is regulated by the Financial Supervisory Services. Information on analysts in MSKL is disclosed at http://dis.kofia.or.kr/websquare/index.jsp?w2xPath=/wq/fundMgr/DISFundMgrAnalystStut.xml&divisionId= MDIS03002001000000&serviceId=SDIS03002001000. South Africa: In South Africa, research is issued and distributed by Mazi Macquarie Securities (RF) (Pty) Ltd, a member of the JSE Limited. Singapore: In Singapore, research is issued and distributed by Macquarie Capital Securities (Singapore)

Pte Ltd (Company Registration Number: 198702912C), a Capital Markets Services license holder under the Securities and Futures Act to deal in securities and provide custodial services in Singapore. Pursuant to the Financial Advisers (Amendment) Regulations 2005, Macquarie Capital Securities (Singapore) Pte Ltd is exempt from complying with sections 25, 27 and 36 of the Financial Advisers Act. All Singapore-based recipients of research produced by Macquarie Capital (Europe) Limited, Mazi Macquarie Securities (RF) (Pty) Ltd and Macquarie Capital (USA) Inc. represent and warrant that they are institutional investors as defined in the Securities and Futures Act. United States: In the United States, research is issued and distributed by Macquarie Capital (USA) Inc., which is a registered broker-dealer and member of FINRA. Macquarie Capital (USA) Inc., accepts responsibility for the content of each research report prepared by one of its non-US affiliates when the research report is distributed in the United States by Macquarie Capital (USA) Inc. Macquarie Capital (USA) Inc.'s affiliate's analysts are not registered as research analysts with FINRA, may not be associated persons of Macquarie Capital (USA) Inc., and therefore may not be subject to FINRA rule restrictions on communications with a subject company, public appearances, and trading securities held by a research analyst account. Information regarding futures is provided for reference purposes only and is not a solicitation for purchases or sales of futures. Any persons receiving this report directly from Macquarie Capital (USA) Inc. and wishing to effect a transaction in any security described herein should do so with Macquarie Capital (USA) Inc. Important disclosure information regarding the subject companies covered in this report is available at www.macquarie.com/research/disclosures, or contact your registered representative at 1-888-MAC-STOCK, or write to the Supervisory Analysts, Research Department, Macquarie Securities, 125 W.55th Street, New York, NY 10019. © Macquarie Group

30 May 2019 3



# **Equities**

# **Asia Research**

Jake Lynch (Asia - Head)	(852) 3922 3583
Hiroyuki Sakaida (Japan – Head)	(813) 3512 6695
Conrad Werner (ASEAN - Head)	(65) 6601 0182

#### **Automobiles, Auto Parts**

(813) 3512 7856
(8621) 2412 9009
(822) 3705 8661
(9122) 6720 4084
(6221) 2598 8366

#### **Banks and Financials**

Scott Russell (Asia)	(852) 3922 3567
Dexter Hsu (China, Taiwan)	(8862) 2734 7530
Keisuke Moriyama (Japan)	(813) 3512 7476
Jeff Kim (Korea)	(822) 3705 8676
Suresh Ganapathy (India)	(9122) 6720 4078
Conrad Werner (Singapore)	(65) 6601 0182
Jayden Vantarakis (Indonesia)	(6221) 2598 8310
Anand Pathmakanthan (Malaysia)	(603) 2059 8833
Gilbert Lopez (Philippines)	(632) 857 0892
Peach Patharavanakul (Thailand)	(662) 694 7753

#### **Basic Materials, Commodities**

David Ching (China, Hong Kong)	(852) 3922 1823
Harunobu Goroh (Japan)	(813) 3512 7886
Yasuhiro Nakada (Japan)	(813) 3512 7862
Anna Park (Korea)	(822) 3705 8669
Jayden Vantarakis (Indonesia)	(6221) 2598 8310

## Conglomerates

David Ng (China, Hong Kong)	(852) 3922 1291
Gilbert Lopez (Philippines)	(632) 857 0892
Conrad Werner (Singapore)	(65) 6601 0182

# Consumer, Gaming

Linda Huang (Asia)	(852) 3922 4068
Terence Chang (China, Hong Kong)	(852) 3922 3581
Sunny Chow (China, Hong Kong)	(852) 3922 3768
Edward Engel (China, Hong Kong)	(852) 3922 5750
Leon Rapp (Japan)	(813) 3512 7879
Kwang Cho (Korea)	(822) 3705 4953
Amit Sinha (India)	(9122) 6720 4085
Robert Pranata (Indonesia)	(6221) 2598 8366
Richardo Walujo (Indonesia)	(6221) 2598 8369
Denise Soon (Malaysia)	(603) 2059 8845
Karisa Magpayo (Philippines)	(632) 857 0899
Chalinee Congmuang (Thailand)	(662) 694 7993

#### **Emerging Leaders**

Corinne Jian (Asia)	(8862) 2734 7522
Marcus Yang (China)	(8621) 2412 9087
Kwang Cho (Korea)	(822) 3705 4953
Conrad Werner (ASEAN)	(65) 6601 0182
Bo Denworalak (Thailand)	(662) 694 7774

#### Infrastructure, Industrials, Transportation

Patrick Dai (China)	(8621) 2412 9082
Eric Zong (China, Hong Kong)	(852) 3922 4749
Kunio Sakaida (Japan)	(813) 3512 7873
James Hong (Korea)	(822) 3705 8661
Corinne Jian (Taiwan)	(8862) 2734 7522
Inderjeetsingh Bhatia (India)	(9122) 6720 4087

#### Internet, Media and Software

Wendy Huang (Asia)	(852) 3922 3378
John Wang (China, Hong Kong)	(852) 3922 3578
Frank Chen (China, Hong Kong)	(852) 3922 1433
Ellie Jiang (China, Hong Kong)	(852) 3922 4110
Andy Kim (Korea)	(822) 3705 8690
Alankar Garude (India)	(9122) 6720 4134

#### Oil, Gas and Petrochemicals

Aditya Suresh (Asia)	(852) 3922 1265
Anna Park (Asia)	(822) 3705 8669
Yasuhiro Nakada (Japan)	(813) 3512 7862
Corinne Jian (Taiwan)	(8862) 2734 7522
Ben Shane Lim (Malaysia)	(603) 2059 8868
Yupapan Polpornprasert (Thailand)	(662) 694 7729

#### **Pharmaceuticals and Healthcare**

David Ng (China, Hong Kong)	(852) 3922 1291
Xiang Gao (China, Hong Kong)	(8621) 2412 9006
Corinne Jian (China)	(8862) 2734 7522
Mi Hyun Kim (Korea)	(822) 3705 8689
Alankar Garude (India)	(9122) 6720 4134
Richardo Walujo (Indonesia)	(6221) 259 88 369

#### Property, REIT

David Ng (China, Hong Kong)	(852) 3922 1291
Kelvin Tam (China)	(852) 3922 1181
Nicholas Ting (Hong Kong)	(852) 3922 1398
Keisuke Moriyama (Japan)	(813) 3512 7476
Derrick Heng (Singapore)	(65) 6601 0436
Abhishek Bhandari (India)	(9122) 6720 4088
Richard Danusaputra (Indonesia)	(6221) 2598 8368
Aiman Mohamad (Malaysia)	(603) 2059 8986
Kervin Sisayan (Philippines)	(632) 857 0893
Bo Denworalak (Thailand)	(662) 694 7774

#### **Technology**

Damian Thong (Asia, Japan)	(813) 3512 7877
Jeffrey Ohlweiler (Greater China)	(8862) 2734 7512
Kaylin Tsai (Greater China)	(8862) 2734 7523
Patrick Liao (Greater China)	(8862) 2734 7515
Hiroshi Taguchi (Japan)	(813) 3512 7867
Daniel Kim (Korea)	(822) 3705 8641
Abhishek Bhandari (India)	(9122) 6720 4088

#### **Telecoms**

Andy Kim (Korea)	(822) 3705 8690
Prem Jearajasingam (ASEAN)	(603) 2059 8989
Nathania Nurhalim (Indonesia)	(6221) 2598 8365
Kervin Sisayan (Philippines)	(632) 857 0893

#### **Utilities, Renewables**

Hiroyuki Sakaida (Japan)	(813) 3512 6695
Patrick Dai (China)	(8621) 2412 9082
Sean Hu (China, Hong Kong)	(852) 3922 3571
Kerry Cheng (China)	(8621) 2412 9025
Inderjeetsingh Bhatia (India)	(9122) 6720 4087
Karisa Magpayo (Philippines)	(632) 857 0899

#### Strategy, Country

Viktor Shvets (Asia, Global)	(852) 3922 3883
David Ng (China, Hong Kong)	(852) 3922 1291
Hiroyuki Sakaida (Japan)	(813) 3512 6695
Daniel Kim (Korea)	(822) 3705 8641
Jeffrey Ohlweiler (Taiwan)	(8862) 2734 7512
Inderjeetsingh Bhatia (India)	(9122) 6720 4087
Conrad Werner (ASEAN, Singapore)	(65) 6601 0182
Jayden Vantarakis (Indonesia)	(6221) 2598 8310
Anand Pathmakanthan (Malaysia)	(603) 2059 8833
Gilbert Lopez (Philippines)	(632) 857 0892
Peach Patharavanakul (Thailand)	(662) 694 7753

### Find our research at

Macquarie: Thomson: www.macquarieresearch.com www.thomson.com/financial Reuters: www.knowledge.reuters.com MAC GO http://www.factset.com/home.aspx Bloomberg:

Factset: CapitallQ www.capitaliq.com

Email macresearch@macquarie.com for access

# Asia Sales

#### **Regional Heads of Sales**

Miki Edelman (Global)	(1 212) 231 6121
Amelia Mehta (Asia)	(65) 6601 0211
Alan Chen (Asia)	(852) 3922 2019
Christina Lee (US)	(44 20) 3037 4873
Mothlib Miah (UK/Europe)	(44 20) 3037 4893
Sandeep Bhatia (India)	(9122) 6720 4101
Tim Huang (Indonesia)	(6221) 2598 8303
Thomas Renz (Geneva)	(41 22) 818 7712
Leslie Hoy (Japan)	(813) 3512 7919
Tomohiro Takahashi (Japan)	(813) 3512 7823

#### Regional Heads of Sales cont'd

DJ Kwak (Korea)	(822) 3705 8608
Nik Hadi (Malaysia)	(603) 2059 8888
Gino C Rojas (Philippines)	(632) 857 0861
Paul Colaco (San Francisco)	(1 415) 762 5003
Eric Lin (Taiwan)	(8862) 2734 7590
Angus Kent (Thailand)	(662) 694 7601

# Sales Trading

Mark Weekes (Asia) (852) 3922 2084 (6221) 515 1555 Stanley Dunda (Indonesia)

#### Sales Trading cont'd

Suhaida Samsudin (Malaysia) Michael Santos (Philippines) Chris Reale (New York) Marc Rosa (New York) Justin Morrison (Singapore) Brendan Rake (Thailand) Mike Keen (UK/Europe)

(603) 2059 8888 (632) 857 0813 (1 212) 231 2555 (1 212) 231 2555 (65) 6601 0288 (662) 694 7707 (44 20) 3037 4905