J.P.Morgan

Asia Pacific Equity Research

04 August 2017

Sunway Group, Malaysia

Sunway REIT acquires assets from sponsor, Sunway Bhd for M\$340MM

Sunway REIT (SREIT)'s proposed acquisition of Sunway Clio Property for M\$340MM from sponsor Sunway Bhd (SWB) translates to an acquisition yield of 6% (based on annual income guarantee of M\$20.2MM for first four years) vs SREIT's average cost of debt of 4%. The acquisition to be fully debt-funded will raise SREIT's DPU by an estimated 2% pa, and keep gearing at just below 40% (within its internal threshold). For the sponsor, SWB in turn, proceeds raised from here will help fund its recent land acquisition commitments totaling M\$719MM YTD keeping its own FY17E net gearing comfortable at 43%. On valuations, we prefer Developers to MREITs, but we are **Neutral on SWB on valuations** (trading at 20% RNAV discount or at +1SD to sector historical mean). Within the MREIT space however, we like **SREIT** (**Neutral**) and IGB REIT (Neutral) to peers. SREIT trades at 5.0/5.3% net yield for CY17E/18E, or a yield spread of 110/130ps (vs historical mean of 130bps). **Overall in the property space, our top picks/OWs are developers, Eco World and SP Setia**.

- SREIT to acquire Sunway Clio Property for M\$340MM from sponsor, SWB. Sunway Clio is located adjacent to Sunway Pyramid Mall (already in the REIT) and comprise of: 1) a 19-storey 4-star hotel (401 rooms), 2) a 3-storey retail space (NLA: 88,384 sqft). 3) 6-storey podium car park (See details in Fig 1).
- **Proposed lease of hotel and tenancy of car-park.** SWB has entered into a proposed lease of the hotel for a period of 10 years with an option to renew for a further 10 years, as well as a 3+3 year tenancy of the carpark.
- **Pricing.** Sunway Clio is a relatively new property completed and in operation for the past 1.5 years. The average hotel occupancy is at 71.6% while the retail occupancy stood at 88.2% as at Jun-17. On an annualized basis for the last 12 months to Jun-17, the hotel and retail assets generated estimated rental income of M\$10MM (still not at its full potential in the first year of operations). However, under the disposal agreement, SWB will guarantee SREIT a net income less outgoing cost of M\$20.3MM pa for the first 4 years. Hence, based on the rental guarantee, the acquisition cost of M\$340MM translates to an estimated yield of 6%.
- Impact on SREIT. The acquisition will be fully debt funded by SREIT (average cost of debt of 4%). This translates to accretion in DPU of 2% pa, and translates to a rise in gearing from 33% to 38.5%.
- Impact on SWB. Proceeds raised from here will help SWB fund its recent land acquisition commitments totaling M\$719MM YTD (of which about M\$500MM is more immediate with the rest on deferred terms), keeping its FY17E net gearing comfortable at 43% post the land acquisitions and disposal of Sunway Clio.
- **Recent publications.** Our 2 Aug-17 Malaysia Developers note titled "*More news-flow on land-banking; Good news from here priced-in for SWB, we prefer ECW and SPSB at current levels*" here.

Figure 1: Sunway Clio transaction



Source: Company.

Table 1: Completed property transactions

DATE	TYPE	REGION	SUBJECT PROPERTY	VENDOR	PURCHASER	NLA '000	PRICE	PRICE	REMARKS
						SQFT	(M\$MN)	(M\$psf)	
Aug-17	Hotel	KLV	Pyramid West Mall and Sunway Clio Hotel	Sunway	Sunway REIT	88.4 NLA 401 rooms	340.0	NA	
Jul-17	Retail	KLV	Pavilion Elite	Urusharta Cemerlang (KL) Sdn Bhd- Urusharta Cemerlang Sdn Bhd	Pavilion REIT	241.9	580.0	2,397	Includes two underground links with retail space to Pavilion Mall and Fahrenheit 88 Mall
Jun-17	Office	KLV	Wisma Selangor Dredging	Selangor Dredging	2x individuals	362.8	480.0	1,323	
Jun-17	Hotel	Penang	Lone Pine Hotel	Eastern & Oriental	Langkawi Saga Shopping Centre Sdn Bhd-Lubritrade Trade Trading Pte Ltd	90 rooms	85.0	944	
Apr-17	Industrial	KLV	Lion Metal Industries factory	Lion Industries Corporation	Yinson Corporation		45.0	NA	3 storey office building with 3 factory blocks
Jan-17	Industrial	KLV	IDS Manufacturing factory	Champion Edge Sdn Bhd	Sunway REIT	360.0 GFA	91.5	254	•

Source: Companies.

Table 2: Developer peer comparison

As at: 3 Aug-17	FYE	Mkt cap	Price	Rating	Target	P	/E	EPS g	growth	Net di	v yield	P/B	ROE	RNAV	Prem/disc
		(US\$mn)	(M\$)		(M\$)	CY17E	CY18E	CY17E	CY18E	FY17E	FY18E	FY17E	FY17E	(M\$)	to RNAV
Eco World Develop	Oct	1,054	1.53	OW	1.90	26.5	15.7	21.2%	68.1%	0.0%	0.0%	1.1	4.4	2.90	-47%
Mah Sing Group	Dec	885	1.57	N	1.65	12.0	12.9	-6.6%	-7.1%	3.3%	3.1%	1.1	11.3	2.15	-27%
SP Setia	Dec	2,277	3.26	OW	4.40	13.0	14.9	-4.4%	-12.8%	5.5%	4.0%	1.0	7.8	6.10	-47%
Sunway Bhd	Dec	2,068	4.32	N	3.90	15.4	14.4	1.6%	6.7%	2.9%	3.1%	1.2	7.5	5.45	-21%
UEM Sunrise	Dec	1,231	1.16	OW	1.60	28.8	26.2	41.1%	10.1%	0.0%	1.1%	8.0	2.8	2.90	-60%
Weighted average		7,514				18.0	16.5	0.0%	0.3%	2.8%	2.6%	1.0	6.8		-39%

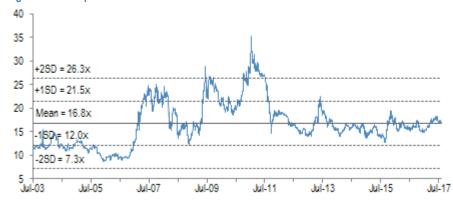
Source: Bloomberg, J.P. Morgan estimates.

Table 3: REIT peer comparison

As at: 3 Aug-17	Ticker	FYE	Mkt cap	Price	Rating	Target	Net di	v yield	Net DPL	growth	Net yield	d spread	P.	/B
			(US\$mn)	(LC)		(LC)	CY17E	CY18E	CY17E	CY18E	CY17E	CY18E	FY17E	FY18E
CapitaLand Malaysia	CMMT MK	Dec	699	1.47	UW	1.35	5.2%	5.2%	-0.1%	1.7%	1.2%	1.2%	1.18	1.18
IGB REIT	IGBREIT MK	Dec	1,434	1.75	N	1.67	4.7%	4.8%	3.9%	3.7%	0.7%	0.8%	1.66	1.65
KLCC Property Hldgs	KLCCSS MK	Dec	3,285	7.78	UW	7.00	4.3%	4.5%	0.6%	3.2%	0.3%	0.5%	1.08	1.06
Pavilion REIT	PREIT MK	Dec	1,232	1.74	NC	-	4.3%	4.6%	1.9%	4.8%	0.4%	0.6%	1.35	1.34
Sunway REIT	SREIT MK	Jun	1,178	1.71	N	1.70	5.0%	5.3%	3.2%	6.5%	1.0%	1.3%	1.20	1.19
Weighted average*			6,596				4.6%	4.8%	1.0%	3.5%	0.6%	0.8%	1.24	1.23
Weighted average* (ex-	KLCC)		3,311				4.9%	5.1%	2.8%	4.4%	0.9%	1.1%	1.40	1.39

Source: Bloomberg, J.P. Morgan estimates.

Figure 2: Developers sector PE band



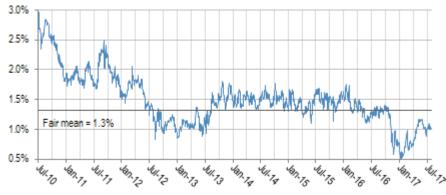
Source: Bloomberg, J.P. Morgan estimates.

Figure 3: SWB PE band



Source: Bloomberg, J.P. Morgan estimates.

Figure 4: M-REITs net dividend yield spread



Source: Bloomberg, J.P. Morgan estimates.

Real Estate

Simone Yeoh $^{\rm AC}$

(60-3) 2718-0710

simone.x.yeoh@jpmorgan.com

Bloomberg JPMA YEOH <GO>

Sin Wong

(60-3) 2718-0711 sin.f.wong@jpmorgan.com

Hoy Kit Mak

(60-3) 2718-0713

hoykit.mak@jpmorgan.com

JPMorgan Securities (Malaysia) Sdn. Bhd. (18146-X)

www.jpmorganmarkets.com

Companies Discussed in This Report (all prices in this report as of market close on 03 August 2017)
Eco World Development (ECOW.KL/M\$1.53/Overweight), IGB REIT (IGRE.KL/M\$1.75/Neutral), SP Setia (SETI.KL/M\$3.26/Overweight), Sunway Bhd (SWAY.KL/M\$4.32/Neutral), Sunway REIT (SUNW.KL/M\$1.71/Neutral)

Analyst Certification: The research analyst(s) denoted by an "AC" on the cover of this report certifies (or, where multiple research analysts are primarily responsible for this report, the research analyst denoted by an "AC" on the cover or within the document individually certifies, with respect to each security or issuer that the research analyst covers in this research) that: (1) all of the views expressed in this report accurately reflect his or her personal views about any and all of the subject securities or issuers; and (2) no part of any of the research analyst's compensation was, is, or will be directly or indirectly related to the specific recommendations or views expressed by the research analyst(s) in this report. For all Korea-based research analysts listed on the front cover, they also certify, as per KOFIA requirements, that their analysis was made in good faith and that the views reflect their own opinion, without undue influence or intervention.

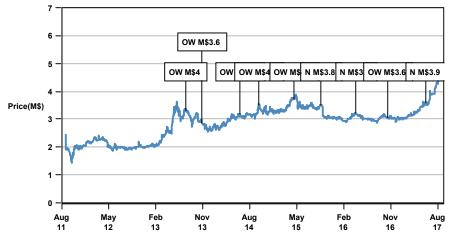
J.P. Morgan does and seeks to do business with companies covered in its research reports. As a result, investors should be aware that the firm may have a conflict of interest that could affect the objectivity of this report. Investors should consider this report as only a single factor in making their investment decision.

Important Disclosures

- Market Maker/ Liquidity Provider: J.P. Morgan Securities plc and/or an affiliate is a market maker and/or liquidity provider in securities issued by Sunway Bhd, Sunway REIT, IGB REIT, Eco World Development, SP Setia.
- Client: J.P. Morgan currently has, or had within the past 12 months, the following entity(ies) as clients: IGB REIT.
- Other Significant Financial Interests: J.P. Morgan owns a position of 1 million USD or more in the debt securities of Sunway Bhd, Sunway REIT, IGB REIT, Eco World Development, SP Setia.

Company-Specific Disclosures: Important disclosures, including price charts and credit opinion history tables, are available for compendium reports and all J.P. Morgan—covered companies by visiting https://jpmm.com/research/disclosures, calling 1-800-477-0406, or e-mailing research.disclosure.inquiries@jpmorgan.com with your request. J.P. Morgan's Strategy, Technical, and Quantitative Research teams may screen companies not covered by J.P. Morgan. For important disclosures for these companies, please call 1-800-477-0406 or e-mail research.disclosure.inquiries@jpmorgan.com.

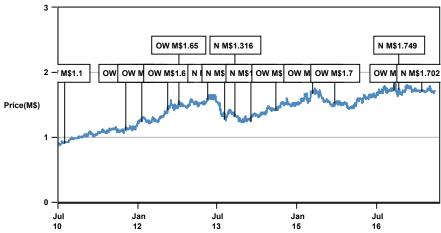
Sunway Bhd (SWAY.KL, SWB MK) Price Chart



Date	Rating	Share Price (M\$)	Price Target (M\$)
26-Jul-13	OW	3.31	4.00
28-Oct-13	OW	2.88	3.60
05-Jun-14	OW	3.19	3.80
22-Sep-14	OW	3.52	4.10
17-Apr-15	OW	3.74	4.30
19-Sep-15	N	3.50	3.80
08-Apr-16	N	3.24	3.30
14-Oct-16	OW	3.06	3.60
26-May-17	N	3.60	3.90

Source: Bloomberg and J.P. Morgan; price data adjusted for stock splits and dividends Initiated coverage Jul 26, 2013.

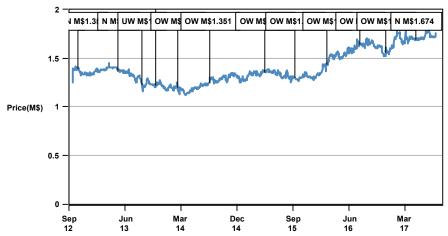
Sunway REIT (SUNW.KL, SREIT MK) Price Chart



Date	Rating	Share Price (M\$)	Price Target (M\$)
16-Aug-10	OW	0.90	1.10
10-Oct-11	OW	1.12	1.25
30-Jan-12	OW	1.25	1.40
24-Jul-12	OW	1.41	1.60
09-Oct-12	OW	1.51	1.65
28-Apr-13	N	1.58	1.60
22-Aug-13	N	1.27	1.36
01-Nov-13	N	1.33	1.32
17-Feb-14	N	1.24	1.25
05-Aug-14	OW	1.42	1.60
17-Apr-15	OW	1.68	1.82
14-Sep-15	OW	1.52	1.70
24-Oct-16	OW	1.72	1.80
01-Dec-16	N	1.74	1.75
04-May-17	N	1.71	1.70

Source: Bloomberg and J.P. Morgan; price data adjusted for stock splits and dividends. Initiated coverage Aug 16, 2010.

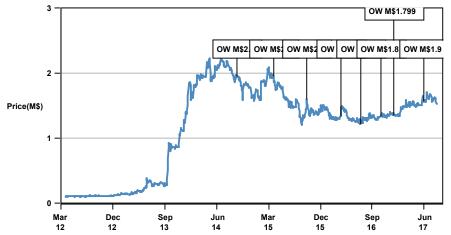
IGB REIT (IGRE.KL, IGBREIT MK) Price Chart



Date	Rating	Share Price (M\$)	Price Target (M\$)
17-Oct-12	N	1.39	1.35
28-Apr-13	N	1.37	1.40
22-Aug-13	UW	1.23	1.20
01-Nov-13	OW	1.22	1.37
17-Feb-14	OW	1.20	1.29
24-Jul-14	OW	1.25	1.35
17-Apr-15	OW	1.35	1.46
14-Sep-15	OW	1.30	1.50
16-Feb-16	OW	1.44	1.50
26-Jul-16	OW	1.64	1.70
01-Dec-16	OW	1.56	1.65
25-Apr-17	N	1.69	1.67

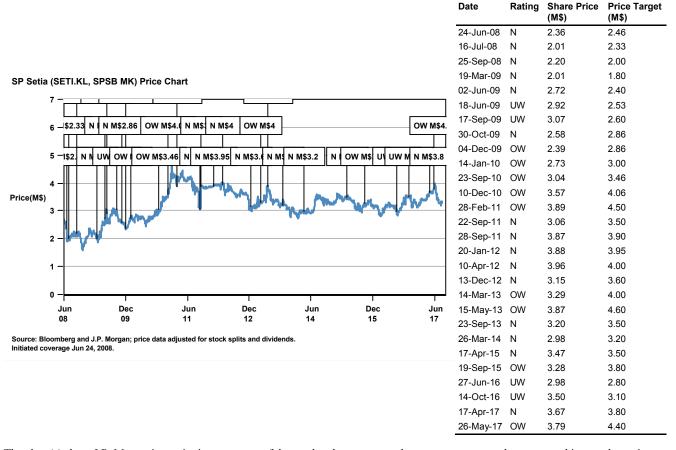
Source: Bloomberg and J.P. Morgan; price data adjusted for stock splits and dividends. Initiated coverage Oct 17, 2012.

Eco World Development (ECOW.KL, ECW MK) Price Chart



Date	Rating	Share Price (M\$)	Price Target (M\$)
16-Sep-14	OW	1.96	2.40
27-Mar-15	OW	1.95	2.60
19-Sep-15	OW	1.60	2.10
14-Mar-16	OW	1.34	1.90
28-Jun-16	OW	1.22	1.70
14-Oct-16	OW	1.34	1.80
20-Dec-16	OW	1.36	1.80
26-May-17	OW	1.57	1.90

Source: Bloomberg and J.P. Morgan; price data adjusted for stock splits and dividends. Initiated coverage Sep 16, 2014.



The chart(s) show J.P. Morgan's continuing coverage of the stocks; the current analysts may or may not have covered it over the entire period.

J.P. Morgan ratings or designations: OW = Overweight, N= Neutral, UW = Underweight, NR = Not Rated

Explanation of Equity Research Ratings, Designations and Analyst(s) Coverage Universe:

J.P. Morgan uses the following rating system: Overweight [Over the next six to twelve months, we expect this stock will outperform the average total return of the stocks in the analyst's (or the analyst's team's) coverage universe.] Neutral [Over the next six to twelve months, we expect this stock will perform in line with the average total return of the stocks in the analyst's (or the analyst's team's) coverage universe.] Underweight [Over the next six to twelve months, we expect this stock will underperform the average total return of the stocks in the analyst's (or the analyst's team's) coverage universe.] Not Rated (NR): J.P. Morgan has removed the rating and, if applicable, the price target, for this stock because of either a lack of a sufficient fundamental basis or for legal, regulatory or policy reasons. The previous rating and, if applicable, the price target, no longer should be relied upon. An NR designation is not a recommendation or a rating. In our Asia (ex-Australia) and U.K. small- and mid-cap equity research, each stock's expected total return is compared to the expected total return of a benchmark country market index, not to those analysts' coverage universe. If it does not appear in the Important Disclosures section of this report, the certifying analyst's coverage universe can be found on J.P. Morgan's research website, www.jpmorganmarkets.com.

Coverage Universe: Yeoh, Simone Xenia: Astra Agro Lestari (AALI.JK), Capitaland Malaysia Mall Trust (CAMA.KL), Eco World Development (ECOW.KL), First Resources Limited (FRLD.SI), Genting Plantations (GENP.KL), Golden Agri-Resources Ltd (GAGR.SI), IGB REIT (IGRE.KL), IHH Healthcare Bhd (IHHH.KL), IOI Corp. (IOIB.KL), KLCCP Stapled Group (KLCC.KL), KPJ Healthcare Berhad (KPJH.KL), Kuala Lumpur Kepong (KLKK.KL), Mah Sing Group Berhad (MAHS.KL), SP Setia (SETI.KL), Salim Ivomas Pratama (SIMP.JK), Sime Darby Berhad (SIME.KL), Sunway Bhd (SWAY.KL), Sunway REIT (SUNW.KL), Top Glove Corporation (TPGC.KL), UEM Sunrise Bhd (UMSB.KL), Wilmar International Limited (WLIL.SI)

J.P. Morgan Equity Research Ratings Distribution, as of July 03, 2017

	Overweight	Neutral	Underweight
	(buy)	(hold)	(sell)
J.P. Morgan Global Equity Research Coverage	44%	45%	11%
IB clients*	52%	50%	31%
JPMS Equity Research Coverage	44%	50%	6%
IB clients*	68%	65%	46%

^{*}Percentage of investment banking clients in each rating category.

For purposes only of FINRA/NYSE ratings distribution rules, our Overweight rating falls into a buy rating category; our Neutral rating falls into a hold rating category; and our Underweight rating falls into a sell rating category. Please note that stocks with an NR designation are not included in the table above.

Equity Valuation and Risks: For valuation methodology and risks associated with covered companies or price targets for covered companies, please see the most recent company-specific research report at http://www.jpmorganmarkets.com, contact the primary analyst or your J.P. Morgan representative, or email research.disclosure.inquiries@jpmorgan.com. For material information about the proprietary models used, please see the Summary of Financials in company-specific research reports and the Company Tearsheets, which are available to download on the company pages of our client website, http://www.jpmorganmarkets.com. This report also sets out within it the material underlying assumptions used.

Equity Analysts' Compensation: The equity research analysts responsible for the preparation of this report receive compensation based upon various factors, including the quality and accuracy of research, client feedback, competitive factors, and overall firm revenues.

Registration of non-US Analysts: Unless otherwise noted, the non-US analysts listed on the front of this report are employees of non-US affiliates of JPMS, are not registered/qualified as research analysts under NASD/NYSE rules, may not be associated persons of JPMS, and may not be subject to FINRA Rule 2241 restrictions on communications with covered companies, public appearances, and trading securities held by a research analyst account.

Other Disclosures

J.P. Morgan ("JPM") is the global brand name for J.P. Morgan Securities LLC ("JPMS") and its affiliates worldwide. J.P. Morgan Cazenove is a marketing name for the U.K. investment banking businesses and EMEA cash equities and equity research businesses of JPMorgan Chase & Co. and its subsidiaries

All research reports made available to clients are simultaneously available on our client website, J.P. Morgan Markets. Not all research content is redistributed, e-mailed or made available to third-party aggregators. For all research reports available on a particular stock, please contact your sales representative.

Options related research: If the information contained herein regards options related research, such information is available only to persons who have received the proper option risk disclosure documents. For a copy of the Option Clearing Corporation's Characteristics and Risks of Standardized Options, please contact your J.P. Morgan Representative or visit the OCC's website at http://www.optionsclearing.com/publications/risks/riskstoc.pdf

Legal Entities Disclosures

U.S.: JPMS is a member of NYSE, FINRA, SIPC and the NFA. JPMorgan Chase Bank, N.A. is a member of FDIC. U.K.: JPMorgan Chase N.A., London Branch, is authorised by the Prudential Regulation Authority and is subject to regulation by the Financial Conduct Authority and to limited regulation by the Prudential Regulation Authority. Details about the extent of our regulation by the Prudential Regulation Authority are available from J.P. Morgan on request. J.P. Morgan Securities plc (JPMS plc) is a member of the London Stock Exchange and is authorised by the Prudential Regulation Authority and regulated by the Financial Conduct Authority and the Prudential Regulation Authority. Registered in England & Wales No. 2711006. Registered Office 25 Bank Street, London, E14 5JP. South Africa: J.P. Morgan Equities South Africa Proprietary Limited is a member of the Johannesburg Securities Exchange and is regulated by the Financial Services Board. Hong Kong: J.P. Morgan Securities (Asia Pacific) Limited (CE number AAJ321) is regulated by the Hong Kong Monetary Authority and the Securities and Futures Commission in Hong Kong and/or J.P. Morgan Broking (Hong Kong) Limited (CE number AAB027) is regulated by the Securities and Futures Commission in Hong Kong. Korea: This material is issued and distributed in Korea by or through J.P. Morgan Securities (Far East) Limited, Seoul Branch, which is a member of the Korea Exchange(KRX) and is regulated by the Financial Services Commission (FSC) and the Financial Supervisory Service (FSS). Australia: J.P. Morgan Australia Limited (JPMAL) (ABN 52 002 888 011/AFS Licence No: 238188) is regulated by ASIC and J.P. Morgan Securities Australia Limited (JPMSAL) (ABN 61 003 245 234/AFS Licence No: 238066) is regulated by ASIC and is a Market, Clearing and Settlement Participant of ASX Limited and CHI-X. Taiwan: J.P.Morgan Securities (Taiwan) Limited is a participant of the Taiwan Stock Exchange (company-type) and regulated by the Taiwan Securities and Futures Bureau, India: J.P. Morgan India Private Limited (Corporate Identity Number - U67120MH1992FTC068724), having its registered office at J.P. Morgan Tower, Off. C.S.T. Road, Kalina, Santacruz - East, Mumbai - 400098, is registered with Securities and Exchange Board of India (SEBI) as a 'Research Analyst' having registration number INH000001873. J.P. Morgan India Private Limited is also registered with SEBI as a member of the National Stock Exchange of India Limited (SEBI Registration Number - INB 230675231/INF 230675231/INE 230675231), the Bombay Stock Exchange Limited (SEBI Registration Number - INB 010675237/INF 010675237) and as a Merchant Banker (SEBI Registration Number - MB/INM000002970). Telephone: 91-22-6157 3000, Facsimile: 91-22-6157 3990 and Website: www.jpmipl.com. For non local research reports, this material is not distributed in India by J.P. Morgan India Private Limited. Thailand: This material is issued and distributed in Thailand by JPMorgan Securities (Thailand) Ltd., which is a member of the Stock Exchange of Thailand and is regulated by the Ministry of Finance and the Securities and Exchange Commission and its registered address is 3rd Floor, 20 North Sathorn Road, Silom, Bangrak, Bangkok 10500. Indonesia: PT J.P. Morgan Securities Indonesia is a member of the Indonesia Stock Exchange and is regulated by the OJK a.k.a. BAPEPAM LK. Philippines: J.P. Morgan Securities Philippines Inc. is a Trading Participant of the Philippine Stock Exchange and a member of the Securities Clearing Corporation of the Philippines and the Securities Investor Protection Fund. It is regulated by the Securities and Exchange Commission. Brazil: Banco J.P. Morgan S.A. is regulated by the Comissao de Valores Mobiliarios (CVM) and by the Central Bank of Brazil. Mexico: J.P. Morgan Casa de Bolsa, S.A. de C.V., J.P. Morgan Grupo Financiero is a member of the Mexican Stock Exchange and authorized to act as a broker dealer by the National Banking and Securities Exchange Commission. Singapore: This material is issued and distributed in Singapore by or through J.P. Morgan Securities Singapore Private Limited (JPMSS) [MCI (P) 202/03/2017 and Co. Reg. No.: 199405335R], which is a member of the Singapore Exchange Securities Trading Limited and/or JPMorgan Chase Bank, N.A., Singapore branch (JPMCB Singapore) [MCI (P) 089/09/2016], both of which are regulated by the Monetary Authority of Singapore. This material is issued and distributed in Singapore only to accredited investors, expert investors and institutional investors, as defined in Section 4A of the Securities and Futures Act, Cap. 289 (SFA). This material is not intended to be issued or distributed to any retail investors or any other investors that do not fall into the classes of "accredited investors," "expert investors" or "institutional investors," as defined under Section 4A of the SFA. Recipients of this document are to contact JPMSS or JPMCB Singapore in respect of any matters arising from, or in connection with, the document. Japan: JPMorgan Securities Japan Co., Ltd. and JPMorgan Chase Bank, N.A., Tokyo Branch are regulated by the Financial Services Agency in Japan. Malaysia: This material is issued and distributed in Malaysia by JPMorgan Securities (Malaysia) Sdn Bhd (18146-X) which is a Participating Organization of Bursa Malaysia Berhad and a holder of Capital Markets Services License issued by the Securities Commission in Malaysia. Pakistan: J. P. Morgan Pakistan Broking (Pvt.) Ltd is a member of the Karachi Stock Exchange and regulated by the Securities and Exchange Commission of Pakistan. Saudi Arabia: J.P. Morgan Saudi Arabia Ltd. is authorized by the Capital Market Authority of the Kingdom of Saudi Arabia (CMA) to carry out dealing as an agent, arranging, advising and custody, with respect to securities business under licence number 35-07079 and its registered address is at 8th Floor, Al-Faisaliyah Tower, King Fahad Road, P.O. Box 51907, Riyadh 11553, Kingdom of Saudi Arabia. Dubai: JPMorgan Chase Bank, N.A., Dubai Branch is regulated by the Dubai Financial Services Authority (DFSA) and its registered address is Dubai International Financial Centre - Building 3, Level 7, PO Box 506551, Dubai, UAE.

Country and Region Specific Disclosures

U.K. and European Economic Area (EEA): Unless specified to the contrary, issued and approved for distribution in the U.K. and the EEA by JPMS plc. Investment research issued by JPMS plc has been prepared in accordance with JPMS plc's policies for managing conflicts of interest arising as a result of publication and distribution of investment research. Many European regulators require a firm to establish, implement and maintain such a policy. Further

information about J.P. Morgan's conflict of interest policy and a description of the effective internal organisations and administrative arrangements set up for the prevention and avoidance of conflicts of interest is set out at the following link https://www.jpmorgan.com/jpmpdf/1320678075935.pdf. This report has been issued in the U.K. only to persons of a kind described in Article 19 (5), 38, 47 and 49 of the Financial Services and Markets Act 2000 (Financial Promotion) Order 2005 (all such persons being referred to as "relevant persons"). This document must not be acted on or relied on by persons who are not relevant persons. Any investment or investment activity to which this document relates is only available to relevant persons and will be engaged in only with relevant persons. In other EEA countries, the report has been issued to persons regarded as professional investors (or equivalent) in their home jurisdiction. Australia: This material is issued and distributed by JPMSAL in Australia to "wholesale clients" only. This material does not take into account the specific investment objectives, financial situation or particular needs of the recipient. The recipient of this material must not distribute it to any third party or outside Australia without the prior written consent of JPMSAL. For the purposes of this paragraph the term "wholesale client" has the meaning given in section 761G of the Corporations Act 2001. Germany: This material is distributed in Germany by J.P. Morgan Securities plc, Frankfurt Branch which is regulated by the Bundesanstalt für Finanzdienstleistungsaufsicht. Hong Kong: The 1% ownership disclosure as of the previous month end satisfies the requirements under Paragraph 16.5(a) of the Hong Kong Code of Conduct for Persons Licensed by or Registered with the Securities and Futures Commission, (For research published within the first ten days of the month, the disclosure may be based on the month end data from two months prior.) J.P. Morgan Broking (Hong Kong) Limited is the liquidity provider/market maker for derivative warrants, callable bull bear contracts and stock options listed on the Stock Exchange of Hong Kong Limited. An updated list can be found on HKEx website: http://www.hkex.com.hk. Korea: This report may have been edited or contributed to from time to time by affiliates of J.P. Morgan Securities (Far East) Limited, Seoul Branch. Singapore: As at the date of this report, JPMSS is a designated market maker for certain structured warrants listed on the Singapore Exchange where the underlying securities may be the securities discussed in this report. Arising from its role as designated market maker for such structured warrants, JPMSS may conduct hedging activities in respect of such underlying securities and hold or have an interest in such underlying securities as a result. The updated list of structured warrants for which JPMSS acts as designated market maker may be found on the website of the Singapore Exchange Limited: http://www.sgx.com.sg. In addition, JPMSS and/or its affiliates may also have an interest or holding in any of the securities discussed in this report – please see the Important Disclosures section above. For securities where the holding is 1% or greater, the holding may be found in the Important Disclosures section above. For all other securities mentioned in this report, JPMSS and/or its affiliates may have a holding of less than 1% in such securities and may trade them in ways different from those discussed in this report. Employees of JPMSS and/or its affiliates not involved in the preparation of this report may have investments in the securities (or derivatives of such securities) mentioned in this report and may trade them in ways different from those discussed in this report. Taiwan: This material is issued and distributed in Taiwan by J.P. Morgan Securities (Taiwan) Limited. According to Paragraph 2, Article 7-1 of Operational Regulations Governing Securities Firms Recommending Trades in Securities to Customers (as amended or supplemented) and/or other applicable laws or regulations, please note that the recipient of this material is not permitted to engage in any activities in connection with the material which may give rise to conflicts of interests, unless otherwise disclosed in the "Important Disclosures" in this material. India: For private circulation only, not for sale. Pakistan: For private circulation only, not for sale. New Zealand: This material is issued and distributed by JPMSAL in New Zealand only to persons whose principal business is the investment of money or who, in the course of and for the purposes of their business, habitually invest money. JPMSAL does not issue or distribute this material to members of "the public" as determined in accordance with section 3 of the Securities Act 1978. The recipient of this material must not distribute it to any third party or outside New Zealand without the prior written consent of JPMSAL. Canada: The information contained herein is not, and under no circumstances is to be construed as, a prospectus, an advertisement, a public offering, an offer to sell securities described herein, or solicitation of an offer to buy securities described herein, in Canada or any province or territory thereof. Any offer or sale of the securities described herein in Canada will be made only under an exemption from the requirements to file a prospectus with the relevant Canadian securities regulators and only by a dealer properly registered under applicable securities laws or, alternatively, pursuant to an exemption from the dealer registration requirement in the relevant province or territory of Canada in which such offer or sale is made. The information contained herein is under no circumstances to be construed as investment advice in any province or territory of Canada and is not tailored to the needs of the recipient. To the extent that the information contained herein references securities of an issuer incorporated, formed or created under the laws of Canada or a province or territory of Canada, any trades in such securities must be conducted through a dealer registered in Canada. No securities commission or similar regulatory authority in Canada has reviewed or in any way passed judgment upon these materials, the information contained herein or the merits of the securities described herein, and any representation to the contrary is an offence. **Dubai:** This report has been issued to persons regarded as professional clients as defined under the DFSA rules. Brazil: Ombudsman J.P. Morgan: 0800-7700847 / ouvidoria.jp.morgan@jpmorgan.com.

General: Additional information is available upon request. Information has been obtained from sources believed to be reliable but JPMorgan Chase & Co. or its affiliates and/or subsidiaries (collectively J.P. Morgan) do not warrant its completeness or accuracy except with respect to any disclosures relative to JPMS and/or its affiliates and the analyst's involvement with the issuer that is the subject of the research. All pricing is indicative as of the close of market for the securities discussed, unless otherwise stated. Opinions and estimates constitute our judgment as of the date of this material and are subject to change without notice. Past performance is not indicative of future results. This material is not intended as an offer or solicitation for the purchase or sale of any financial instrument. The opinions and recommendations herein do not take into account individual client circumstances, objectives, or needs and are not intended as recommendations of particular securities, financial instruments or strategies to particular clients. The recipient of this report must make its own independent decisions regarding any securities or financial instruments mentioned herein. JPMS distributes in the U.S. research published by non-U.S. affiliates and accepts responsibility for its contents. Periodic updates may be provided on companies/industries based on company specific developments or announcements, market conditions or any other publicly available information. Clients should contact analysts and execute transactions through a J.P. Morgan subsidiary or affiliate in their home jurisdiction unless governing law permits otherwise.

"Other Disclosures" last revised July 22, 2017.

Copyright 2017 JPMorgan Chase & Co. All rights reserved. This report or any portion hereof may not be reprinted, sold or redistributed without the written consent of J.P. Morgan.