

The multi-speed recovery

The "K" shaped bounce in charts

- As more economic data point to a rebound in Q3...
- ...the recovery is far from broad-based...
- ...as many sectors, countries and people are missing out

The economy is either recovering quickly or it's not recovering at all, depending on who you ask. Those with non-furloughed jobs, able to work from home and who own assets may sense recovery, but those who have lost their jobs or who fear unemployment and those who live in a country with a rising number of COVID-19 cases may tell a different story.

And that is the story of the recovery so far – patchy. If you want a letter, a 'K' shape is probably best, with some things coming back quickly and others not really at all. The number of scheduled flights across the world is still 50% lower than a year ago, despite a good headline print in August. Employment is still more than 7% lower in the US than in February and even in mainland China total retail sales are lower than they were this time last year.

The economic impact of this crisis is falling on the most vulnerable. In emerging markets, the hit to incomes has been greater than in most developed economies, while in the US, 5% of people are reporting not having enough to eat while 24% of low-income renters are very worried about making their payments.

At the same time we see the stock market close to all-time highs, house prices soaring in many parts of the world and retail sales climbing. GDP prints in Q3 are likely to look like impressive rebounds from the Q2 collapses, but they may come at a time when unemployment is rising in some places, many businesses are at risk of bankruptcy and COVID-19 related risks are still increasing in many parts of the world.

There is also a clear sectoral divide. The global manufacturing and services PMI have been pretty much identical in the past two months, but after a much deeper fall in services activity, the fact that the rebound hasn't been stronger does not bode well. Consumer spending on goods has held up, but lags on services, with more than 60% of recreation firms in the US reporting a large negative impact on their business.

But while this sort of 'recovery' may look good in the monthly activity data or the GDP prints, concerns around the future are growing. Jobless numbers are only likely to increase. Income inequality is also rising. This will only serve to widen political divides and make the economy more vulnerable to further shocks.

Policy will have to respond. We've seen a few announcements in recent weeks of packages to support the recovery – and it's likely that more will follow. Without them, the scarring from this crisis will only get deeper and the divide between the relative winners and losers will only widen.

This is a redacted version of the report published on 7-Sep-20. Please contact your HSBC representative or email <u>AskResearch@hsbc.com</u> for information.

Disclosures & Disclaimer

This report must be read with the disclosures and the analyst certifications in the Disclosure appendix, and with the Disclaimer, which forms part of it.

Economics Global

James Pomeroy Economist HSBC Bank plc

Edward Parker Analyst HSBC Bank plc

Issuer of report: HSBC Bank plc

View HSBC Global Research at: https://www.research.hsbc.com



Auto	Total cases		-	-					-	_					_	_	F							5	5	5		
		5 Mar	12 Mar	19 Mar	26 Mar	2 Apr	9 Apr	16 Apr	23 Apr	30 Apr	7 May	21 May	28 May	4 Jun	11 Jun	18 Jun	25 Jun	2 Jul	9 Jul	16 Jul	23 Jul	30 Jul	6 Aug	13 Aug	20 Aug	27 Aug	3 Sep	Late
Asia Bangladesh	per million 1947											_	_															1wn 13
																												0
Mainland China India	63 2820																											57
Indonesia	668																											1
Japan	549	_																										6
Philippines	2094																											3
Singapore	9796																											9
Western Europe																												
Belgium	7491																											23
France	4373																											84
Germany	2965																											14
Italy	4498																											2
Netherlands	4164																											32
Portugal	5705																											33
Spain	10217																											18
Sweden	8263																											1:
UK	5082																											2
Americas																												
Argentina	9563		-									_																21
Bolivia	10243																											7
Brazil	18943	-																										19
Canada	3473																											13
Chile	21884																											93
Colombia	12581	-																										17
Dominican Rep.	8905																											4
Ecuador	6646											_																4(
Guatemala	4304																											4(
Honduras	6415																											86
Mexico	4789																											42
Panama	22156																											16
Peru	20407																											22
US	18581																											12
CEEMEA																												
Bahrain	31953																											17
Belarus	7632																											18
Egypt	989																											2
Ethiopia	485																											12
Iran	4568																											27
Iraq	6163																											96
Israel	14384																											22
Kazakhstan	7134																											36
Kuwait	20555																											14
Могоссо	1795																											38
Nigeria	271	-																										1
Oman	17272	-																										3
Pakistan	1371																											2
Poland	1804																											18
Qatar	42091																											74
Romania	4630																											6
Russia	6890																											3
Saudi Arabia	9265																											28
South Africa	10769																											30
	3333																											1
Turkey																												
Ukraine	2859	_																										4
UAE	7322																											5

1. COVID-19 cases have been picking up in many places, possibly slowing the economic recovery

Low number Source: ECDC, HSBC



Workplaces

Latest Latest Latest % change from 2 Aug 2 Aug (30 Aug) 7 Jun 21 Jun 5 Jul 19 Jul 16 Aug (30 Aug) 7 Jun 21 Jun 5 Jul 19 Jul 2 Aug 16 Aug (30 Aug) 7 Jun 21 Jun 5 Jul 19 Jul 16 Aug baseline **Developed Markets** US -19 -14 -14 -15 -14 -15 -14 -33 -28 -28 -28 -28 -29 -29 -30 -29 -36 -31 -31 -31 -30 Canada -27 -19 -14 -13 -11 -11 -8 -48 -43 -42 -42 -41 -40 -37 -34 -30 -36 -31 -34 -31 -30 UK -63 -53 -47 -35 -28 -21 -12 -54 -50 -46 -41 -38 -39 -35 -47 -39 -36 -38 -37 -35 -41 -23 -12 -29 -17 -26 -20 -6 -4 -3 -5 -1 -20 -18 -17 -17 -16 -13 -15 -17 -24 -24 Germany -28 -18 -11 -7 -7 -37 -26 -18 -17 -14 -18 -16 -27 -18 -18 -31 -27 -40 -29 France -7 -5 -28 -12 -7 -38 -29 -25 -20 -20 -19 -25 -33 -18 -20 -28 Italy -17 -8 -5 -2 -21 -20 -41 -41 -27 -17 -18 -18 -17 -16 -42 -35 -29 -32 -32 -21 -29 Spain -29 -36 -39 -25 -22 -23 -32 Sweden -5 -11 2 2 6 -3 2 -24 -25 -26 -22 -23 -18 -16 -17 -31 -30 -43 -43 -27 -20 -12 8 10 11 5 0 -26 -12 -18 -18 -18 -17 -25 -17 -29 -44 -43 -28 -20 Norway 1 -15 -18 -12 -12 -13 -1 -10 -29 -24 -22 -23 -23 -32 -24 -13 -11 -11 -43 -12 -11 -12 -10 Japan -19 -15 -13 -13 -17 -22 -19 -42 -39 -39 -42 -42 -46 -43 -18 -14 -18 -20 -16 -21 -19 Australia -12 -9 -21 -44 -36 -32 -30 -25 -42 -14 0 -10 -12 -15 -20 -3 -5 -24 -49 -1 1 New Zealand **City States** -17 -11 -11 -28 -42 -34 -26 -22 -16 -19 -30 -39 -33 -27 -7 -3 -12 -18 -32 -28 -21 Hong Kong -48 -30 -28 -23 -22 -19 -47 -37 -36 -35 -34 -29 -36 -30 -28 -32 -29 -21 Singapore -58 -45 **Emerging Markets** -64 -59 -58 -57 -51 -42 -40 -43 -39 -36 -31 -30 -32 -32 -31 -28 India -61 -39 -40 -39 -31 -5 -4 -5 -5 -1 -19 -4 -8 -7 -25 -1 -8 -12 South Korea -6 -4 -6 -9 -3 -2 -3 -12 -29 -23 -14 -49 -37 -27 -27 -17 -18 -18 -18 -7 -41 -36 -33 -31 -34 -19 -20 -17 -18 Indonesia Malaysia -44 -32 -24 -23 -21 -20 -12 -48 -28 -23 -27 -18 -30 -25 -23 -20 -14 -30 -15 -17 -13 -62 -53 -50 -49 -50 -55 -43 -60 -57 -58 -58 -59 -58 -41 -37 -37 -37 -38 Philippines -65 -41 -40 -37 -38 -21 -23 -20 -20 -17 -62 -61 -52 -51 -51 -49 -49 -28 -26 -22 -21 -40 -22 -22 Saudi Arabia UAE -40 -38 -29 -27 -20 -23 -19 -53 -52 -48 -47 -46 -43 -42 -29 -24 -21 -20 -37 -19 -19 Turkey -29 -25 -17 -16 -18 -14 -11 -24 -24 -14 -14 -10 -9 -12 -17 -15 -12 -15 -35 -18 -17 -19 -11 -5 -3 9 -21 -3 3 -21 -18 -21 -22 -21 Russia -3 1 -10 -6 -3 0 -23 -22 -13 -9 0 5 6 5 17 -30 -27 -17 -14 -11 -13 -13 -12 -12 -13 -16 -20 -28 -17 Poland -42 -36 -32 -53 -39 -32 -28 -27 -26 Mexico -51 -45 -38 -26 -49 -46 -44 -43 -40 -27 -28 -29 -46 -34 -29 -42 -37 -34 -26 Brazil -43 -41 -38 -18 -39 -32 -29 -19 -16 -16 -15 -13 -12 -9 -53 -26 -23 -62 -62 -57 -55 -50 -50 -54 -52 -51 -50 -27 -26 -24 -23 -21 Argentina -57 -47

Transit Stations

2. In most parts of the world consumers are returning (slowly) to retail and recreation spaces, but transit and workplaces remain relatively empty

Retail & Recreation

Key (Amount of time spent in each location vs baseline levels for Jan/Feb 2020)

Low

Source: Google LLC "Google COVID-19 Community Mobility Reports," HSBC. Note: Changes for each day are compared to a baseline value for that day of the week: The baseline is the median value, for the corresponding day of the week, during the 5-week period 3 January–6 February 2020. Dates used are two-week intervals back from latest data.

High





EM vs DM – lockdowns hurt more in emerging markets

4. ...although EM PMIs have recovered, mainly due to mainland China







6. The development of COVID-19 cases could weigh on more emerging markets than developed in Q3



Source: ECDC, HSBC



Manufacturing is faring better than services

7. The global manufacturing and services PMIs are in tandem, despite a deeper drop in services



8. Mainland China's rebound is still manufacturing-heavy



Source: Markit Economics

9. US consumers have started spending more on goods, but not services...



10. ...and Swedes have done the same without a lockdown

Source: Refinitiv Datastream



11. The eurozone services PMI edged back in August as cases picked up...



12. ...and in India the difference in recoveries is even starker







13. Some sectors are still missing a lot of

Some sectors are bouncing back, others are not





Source: Refinitiv Datastream

15. Flight numbers are still depressed...



16. ...and hotel bookings aren't much better





17. The divergence in impact across sectors is clear to see



Some people aren't seeing a recovery







19. ... or if you own a home

20. More US job losses are becoming permanent...



Source: Refinitiv Datastream

22. Food poverty is high, and up, in the US...



21. ...and it's low-paid jobs that are still down a lot



Source: Refinitiv Datastream

23. ...and many don't feel comfortable with their ability to pay rent



Source: US Census Bureau Household Pulse survey. Note: Latest survey is to 21 July



Tourism: Economies or jobs that rely on tourism aren't seeing a recovery

24. The slow recovery in global flight data has flat-lined...



25. ...and travel data will remain below normal levels while borders stay closed



26. More flights are gradually being scheduled in the US...



28. Interest in private accommodation appears to have peaked



Source: Google Trends, HSBC. Note: Index where 100 = max searches for the term in that region over time.

27. ...but this hasn't attracted more flyers to come on-board



29. Many US consumers won't be going on holiday any time soon



Source: Morning Consult, HSBC. Note: Chart shows when consumers would feel comfortable doing each activity.





30. Goods spending has recovered close

US recovery: Steady but unspectacular

31. ...while spending on services remains some way off



Source: Opportunity Insights, Affinity Solutions, HSBC. Note: Spending by consumers compared to January 2020.

32. The housing market has recovered more quickly than others...







33. ... and broadly the recovery appears to be getting underway...



Association of Railroads, and Booth Financial Consulting

35. ...but small businesses continue to struggle





Labour market: Job openings are down a long way, which could limit any recovery





Source: Glassdoor Job Market Report , August 2020

37. Job adverts are slowly recovering in the UK, but remain far below 2019 levels...



Source: ONS, Adzuna, HSBC. Note: 2019 average = 100

39. In Australia, the initial bounce has moderated slightly...



38. ...while in Canada they have flattened off close to normal levels



40. ...and to a greater extent in New Zealand too





Consumer spending: Pronounced pick-up in retail sales

41. US consumer spending has stalled close to levels seen earlier this year...



42. ...while Germany's retail sales have edged down but remain up year-on-year...



Source: Opportunity Insights, Affinity Solutions, HSBC. Note: Spending by consumers compared to January 2020.

43. ...and the same cannot be said for mainland China, down 1.1% y-o-y in July



44. The number of diners in restaurants keeps edging up, apart from in Australia due to Victoria's lockdown





% share of US adults that															
feel comfortable:	30 Apr	15 May	29 May	05 Jun	11 Jun	26 Jun	03 Jul	09 Jul	16 Jul	22 Jul	02 Aug	07 Aug	17 Aug	23 Aug	31 Aug
Going out to eat	18	23	31	35	41	37	35	36	36	36	34	36	34	31	33
Going on vacation	18	23	29	32	36	33	33	30	30	30	29	30	27	27	28
Going to a shopping mall	17	23	26	31	35	29	31	31	30	30	29	30	28	28	28
Going to a museum	15	19	25	29	30	26	25	25	24	24	26	24	20	19	20
Going to the movies	12	16	21	22	23	22	20	21	19	20	20	19	17	17	18
Going to the gym	12	13	18	21	22	21	18	20	18	19	18	20	17	16	18
Going to an amusement park	12	14	17	20	24	19	17	17	17	19	19	17	16	15	17
Going to a concert	10	12	16	17	21	18	15	15	14	14	16	12	13	13	14
Trav elling abroad	8	10	12	13	13	13	10	14	11	13	13	12	11	12	12

Key (Share of US adults comfortable doing the following activities right now)

Low

High

Source: Morning Consult, HSBC. Note: Comfortable is the sum of "Very comfortable" and "Somewhat comfortable".



Consumer surveys: The rebound has cooled

46. Two major US surveys show consumer confidence still under pressure...



47. ...while in the eurozone there was no notable change in August



48. Confidence remains depressed in both the UK...



49. ...and in Japan







Source: HSBC, Refinitiv Datastream Note: The Z-score is calculated using the mean and standard deviation of the data series from January 2012 to March 2020.



Manufacturing data: Bouncing back steadily

51. US production data continued its recovery in July...



Source: HSBC, Refinitiv Datastream

53. The recovery in mainland China has been quicker than most...







52. ...as factories were using more of their productive capacity



54. ...while vehicle sales in South Africa remain down more than 25% y-o-y



Source: HSBC, Refinitiv Datastream

56. ...hurting economies such as Brazil that are exposed to global trade





Business surveys: Slowly returning to normality

57. The US Philly Fed suggests firms lost some of their earlier confidence in August...



Source: HSBC, Refinitiv Datastream

59. France's INSEE survey ticked up towards normal levels



58. ...while the German ifo continued its march higher



60. Despite an earlier reopening, businesses in New Zealand still see a gloomy outlook







Source: HSBC, Refinitiv Datastream Note: The Z-score is calculated using the mean and standard deviation of the data series from January 2012 to March 2020.



PMIs: Slowly recovering but employment still a worry

62. Most firms are still shedding manufacturing jobs



63. Trade data remain weak in most economies



Source: Markit Economics

64. Input prices are rising more than output prices, suggesting a margin squeeze



Source: Markit Economics



Disclosure appendix

Analyst Certification

The following analyst(s), economist(s), or strategist(s) who is(are) primarily responsible for this report, including any analyst(s) whose name(s) appear(s) as author of an individual section or sections of the report and any analyst(s) named as the covering analyst(s) of a subsidiary company in a sum-of-the-parts valuation certifies(y) that the opinion(s) on the subject security(ies) or issuer(s), any views or forecasts expressed in the section(s) of which such individual(s) is(are) named as author(s), and any other views or forecasts expressed herein, including any views expressed on the back page of the research report, accurately reflect their personal view(s) and that no part of their compensation was, is or will be directly or indirectly related to the specific recommendation(s) or views contained in this research report: James Pomeroy and Edward Parker

Important disclosures

This document has been prepared and is being distributed by the Research Department of HSBC and is not for publication to other persons, whether through the press or by other means.

This document is for information purposes only and it should not be regarded as an offer to sell or as a solicitation of an offer to buy the securities or other investment products mentioned in it and/or to participate in any trading strategy. Advice in this document is general and should not be construed as personal advice, given it has been prepared without taking account of the objectives, financial situation or needs of any particular investor. Accordingly, investors should, before acting on the advice, consider the appropriateness of the advice, having regard to their objectives, financial situation and needs. If necessary, seek professional investment and tax advice.

Certain investment products mentioned in this document may not be eligible for sale in some states or countries, and they may not be suitable for all types of investors. Investors should consult with their HSBC representative regarding the suitability of the investment products mentioned in this document and take into account their specific investment objectives, financial situation or particular needs before making a commitment to purchase investment products.

The value of and the income produced by the investment products mentioned in this document may fluctuate, so that an investor may get back less than originally invested. Certain high-volatility investments can be subject to sudden and large falls in value that could equal or exceed the amount invested. Value and income from investment products may be adversely affected by exchange rates, interest rates, or other factors. Past performance of a particular investment product is not indicative of future results.

HSBC and its affiliates will from time to time sell to and buy from customers the securities/instruments, both equity and debt (including derivatives) of companies covered in HSBC Research on a principal or agency basis or act as a market maker or liquidity provider in the securities/instruments mentioned in this report.

Analysts, economists, and strategists are paid in part by reference to the profitability of HSBC which includes investment banking, sales & trading, and principal trading revenues.

Whether, or in what time frame, an update of this analysis will be published is not determined in advance.

For disclosures in respect of any company mentioned in this report, please see the most recently published report on that company available at www.hsbcnet.com/research. HSBC Private Banking clients should contact their Relationship Manager for queries regarding other research reports. In order to find out more about the proprietary models used to produce this report, please contact the authoring analyst.



Additional disclosures

- 1 This report is dated as at 07 September 2020.
- 2 All market data included in this report are dated as at close 03 September 2020, unless a different date and/or a specific time of day is indicated in the report.
- 3 HSBC has procedures in place to identify and manage any potential conflicts of interest that arise in connection with its Research business. HSBC's analysts and its other staff who are involved in the preparation and dissemination of Research operate and have a management reporting line independent of HSBC's Investment Banking business. Information Barrier procedures are in place between the Investment Banking, Principal Trading, and Research businesses to ensure that any confidential and/or price sensitive information is handled in an appropriate manner.
- 4 You are not permitted to use, for reference, any data in this document for the purpose of (i) determining the interest payable, or other sums due, under loan agreements or under other financial contracts or instruments, (ii) determining the price at which a financial instrument may be bought or sold or traded or redeemed, or the value of a financial instrument, and/or (iii) measuring the performance of a financial instrument or of an investment fund.



Disclaimer

Legal entities as at 1 September 2020

'UAE' HSBC Bank Middle East Limited, DIFC; HSBC Bank Middle East Limited, Dubai; 'HK' The Hongkong and Shanghai Banking Corporation Limited, Hong Kong; 'TW' HSBC Securities (Taiwan) Corporation Limited; 'CA' HSBC Securities (Canada) Inc.; HSBC France, S.A., Madrid, Milan, Stockholm; 'DE' HSBC Trinkaus & Burkhardt AG, Düsseldorf; 000 HSBC Bank (RR), Moscow; 'IN' HSBC Securities and Capital Markets (India) Private Limited, Mumbai; 'JP' HSBC Securities (Japan) Limited, Tokyo; 'EG' HSBC Securities Egypt SAE, Cairo; 'CN' HSBC Investment Bank Asia Limited, Beijing Representative Office; The Hongkong and Shanghai Banking Corporation Limited, Singapore Branch; The Hongkong and Shanghai Banking Corporation Limited, Securities Branch; The Hongkong and Shanghai Banking Corporation Limited, Securities (USA) Inc, New York; HSBC Yatirim Menkul Degerler AS, Istanbul; HSBC México, SA, Institución de Banca Múltiple, Grupo Financiero HSBC; HSBC Bank Australia Limited; HSBC Bank Argentina SA; HSBC Saudi Arabia Limited; The Hongkong and Shanghai Banking Corporation Limited, Rew Zealand Branch incorporated in Hong Kong SAR; The Hongkong and Shanghai Banking Corporation Limited, Bangkok Branch; PT Bank HSBC Indonesia; HSBC Qianhai Securities Limited; Banco HSBC S.A.

Issuer of report HSBC Bank plc 8 Canada Square, London E14 5HQ, United Kingdom Telephone: +44 20 7991 8888 Fax: +44 20 7992 4880 Website: www.research.hsbc.com

This document is issued and approved in the United Kingdom by HSBC Bank plc for the information of its Clients (as defined in the Rules of FCA) and those of its affiliates only. If this research is received by a customer of an affiliate of HSBC, its provision to the recipient is subject to the terms of business in place between the recipient and such affiliate. In Australia, this publication has been distributed by The Hongkong and Shanghai Banking Corporation Limited (ABN 65 117 925 970, AFSL 301737) for the general information of its "wholesale" customers (as defined in the Corporations Act 2001). Where distributed to retail customers, this research is distributed by HSBC Bank Australia Limited (ABN 48 006 434 162, AFSL No. 232595). These respective entities make no representations that the products or services mentioned in this document are available to persons in Australia or are necessarily suitable for any particular person or appropriate in accordance with local law. No consideration has been given to the particular investment objectives, financial situation or particular needs of any recipient.

The document is distributed in Hong Kong by The Hongkong and Shanghai Banking Corporation Limited and in Japan by HSBC Securities (Japan) Limited. Each of the companies listed above (the "Participating Companies") is a member of the HSBC Group of Companies, any member of which may trade for its own account as Principal, may have underwritten an issue within the last 36 months or, together with its Directors, officers and employees, may have a long or short position in securities or instruments or in any related instrument mentioned in the document. Brokerage or fees may be earned by the Participating Companies or persons associated with them in respect of any business transacted by them in all or any of the securities or instruments referred to in this document. In Korea, this publication is distributed by either The Hongkong and Shanghai Banking Corporation Limited, Seoul Securities Branch ("HBAP SLS") or The Hongkong and Shanghai Banking Corporation Limited, Seoul Securities In Article 9 of the Financial Investment Services and Capital Markets Act ("FSCMA"). This publication is not a prospectus as defined in the FSCMA. It may not be further distributed in whole or in part for any purpose. Both HBAP SLS and HBAP SEL are regulated by the Financial Services Commission and the Financial Supervisory Service of Korea. This publication is distributed in Hong Kong SAR.

The information in this document is derived from sources the Participating Companies believe to be reliable but which have not been independently verified. The Participating Companies make no guarantee of its accuracy and completeness and are not responsible for errors of transmission of factual or analytical data, nor shall the Participating Companies be liable for damages arising out of any person's reliance upon this information. All charts and graphs are from publicly available sources or proprietary data. The opinions in this document constitute the present judgement of the Participating Companies, which is subject to change without notice. From time to time research analysts conduct site visits of covered issuers. HSBC policies prohibit research analysts from accepting payment or reimbursement for travel expenses from the issuer for such visits. This document is neither an offer to sell, purchase or subscribe for any investment nor a solicitation of such an offer.

HSBC Securities (USA) Inc. accepts responsibility for the content of this research report prepared by its non-US foreign affiliate. The information contained herein is under no circumstances to be construed as investment advice and is not tailored to the needs of the recipient. All US persons receiving and/or accessing this report and intending to effect transactions in any security discussed herein should do so with HSBC Securities (USA) Inc. in the United States and not with its non-US foreign affiliate, the issuer of this report. In Singapore, this publication is distributed by The Hongkong and Shanghai Banking Corporation Limited, Singapore Branch for the general information of institutional investors or other persons specified in Sections 274 and 304 of the Securities and Futures Act (Chapter 289) ("SFA") and accredited investors and other persons in accordance with the conditions specified in Sections 275 and 305 of the SFA. Only Economics or Currencies reports are intended for distribution to a person who is not an Accredited Investor, Expert Investor or Institutional Investor as defined in SFA. The Hongkong and Shanghai Banking Corporation Limited, Singapore Branch Accepts legal responsibility for the contents of reports pursuant to Regulation 32C(1)(d) of the Financial Advisers Regulations. This publication is not a prospectus as defined in the SFA. It may not be further distributed in whole or in part for any purpose. The Hongkong and Shanghai Banking Corporation Limited, Singapore Branch is regulated by the Monetary Authority of Singapore. Recipients in Singapore should contact a "Hongkong and Shanghai Banking Corporation Limited, Singapore Branch is regulated by the Monetary Authority of Singapore. Recipients in Singapore should contact a "Hongkong and Shanghai Banking Corporation Limited, Singapore Branch is regulated by the Monetary Authority of Singapore. Recipients in Singapore should contact a "Hongkong and Shanghai Banking Corporation Limited, Singapore Branch" representative in respect of any

In Canada, this document has been distributed by HSBC Securities (Canada) Inc. (member IIROC), and/or its affiliates. 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. 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 offense. In Brazil, this document has been distributed by Banco HSBC S.A. ("HSBC Brazil"), and/or its affiliates. As required by Instruction No. 598/18 of the Securities and Exchange Commission of Brazil (Comissão de Valores Mobiliários), potential conflicts of interest concerning (i) HSBC Brazil and/or its affiliates; and (ii) the analyst(s) responsible for authoring this report are stated on the chart above labelled "HSBC & Analyst Disclosures".

The document is intended to be distributed in its entirety. Unless governing law permits otherwise, you must contact a HSBC Group member in your home jurisdiction if you wish to use HSBC Group services in effecting a transaction in any investment mentioned in this document. HSBC Bank plc is registered in England No 14259, is authorised by the Prudential Regulation Authority and regulated by the Financial Conduct Authority and the Prudential Regulation Authority and is a member of the London Stock Exchange. (070905)

If you are an HSBC Private Banking ("PB") customer with approval for receipt of relevant research publications by an applicable HSBC legal entity, you are eligible to receive this publication. To be eligible to receive such publications, you must have agreed to the applicable HSBC entity's terms and conditions ("KRC Terms") for access to the KRC, and the terms and conditions of any other internet banking service offered by that HSBC entity through which you will access research publications using the KRC. Distribution of this publication is the sole responsibility of the HSBC entity with whom you have agreed the KRC Terms.

If you do not meet the aforementioned eligibility requirements please disregard this publication and, if you are a customer of PB, please notify your Relationship Manager. Receipt of research publications is strictly subject to the KRC Terms, which can be found at https://research.privatebank.hsbc.com/ – we draw your attention also to the provisions contained in the Important Notes section therein.

© Copyright 2020, HSBC Bank plc, ALL RIGHTS RESERVED. No part of this publication may be reproduced, stored in a retrieval system, or transmitted, on any form or by any means, electronic, mechanical, photocopying, recording, or otherwise, without the prior written permission of HSBC Bank plc. MCI (P) 077/12/2019, MCI (P) 016/02/2020