IMA ASIA

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Sujeet Kumar, Co-Founder, Udaan IMA's CEO & CMO Forum members

Business Lessons from a Successful Start-up: The Udaan Story

15th April from 5:00 pm to 6:30 pm

Covid-19 has accelerated the digital-led evolution of the highly fragmented and unorganised Indian retail industry. But B2B e-commerce has remained to be a tough nut to crack. A large section of the trade has been resistant to digital transactions as a result of which, a number of start-ups in this space have folded or failed to scale up.

Diverging markets in 2021 and supply chain challenges	It is not trade wars or lockdowns that will mark 2021 but starkly different trends in growth in the second year of COVID-19. That is the message in the IMF's World Economic Outlook (WEO), and it is readily apparent to most companies in their 2021 planning, which will add to the complexity of global operations this year. Manufacturers face two extra challenges. Demand is surging in many sectors as stimulus measures, pent up demand, and supply chain glitches trigger acute shortages and surging prices for inputs. In our Q1 forecasting round, we argued this will get worse each quarter to the end of 2021. The second challenge – as always in a rebound – is aligning inventory and capex plans. As one forum member commented in our April sessions on capacity planning "…we've always talked with suppliers about next year; now we are talking about the next four years."
The US & China drive demand lifting export manufacturers in Asia	In April, the IMF lifted its WEO forecast for global growth in 2021 to 6% from 5.5% forecast in Jan'21. 2022 has been lifted to 4.4% (prior 4.2%) against a decade average to 2019 of 3.7%pa. The recovery is lopsided with two countries driving it, other countries riding up on their coattails, and some stalled or falling as they struggle with COVID-19. The IMF forecast for the US has been lifted to 6.4% for 2021 (5.1% in Jan'21) and 3.5% in 2020 (2.5% in Jan'21). China is the other driver, with the IMF now expecting 8.4% growth in 2021 (from 8.1% in Jan'21) and 5.6% in 2022 (unchanged). As this Asia Brief argues, all of Asia/Pac's export manufacturers will gain from this, as will the region's big commodity exporters. The IMF's forecast also points to a fast realignment of global market share, with China rising to 20% of global demand by 2026 from 16% in 2019 and 9% in 2010.
COVID-19 risk remains high delaying a return to normal another global virus wave is possible	Against this buoyant outlook for some stands a renewed COVID-19 surge in other countries caused by more dangerous virus variants (a risk flagged from the start of the pandemic but ignored by many politicians). Last September, we highlighted the "at risk" three in Asia (India, Indonesia, and the Philippines) due to their weak suppression strategies. This year, a second key metric has emerged, vaccination capacity. As Bloomberg's writers <u>note</u> " 40% of the Covid-19 vaccines administered globally have gone to people in 27 wealthy nations that represent 11% of the global population. Countries making up the least-wealthy 11% have gotten just 1.6% of Covid-19 vaccines administered so far". This is a global challenge, as there is no return to normality if a large portion of the world's population struggles with COVID-19 for several more years. Moreover, there is the risk of new variants being generated that may overcome current vaccines. We continue to recommend that companies keep a 20% scenario in planning for another global COVID-19 wave.
Watch our for more inflation	Ranking second to the demand puzzle in planning for 2021 is inflation and pricing uncertainty. The latest consumer inflation numbers remain near record lows and central banks, led by the US Fed, say they'll keep record low policy rates for several more years. Yet, in our forum sessions since February, the surge in supply chain prices has been a constant topic, with many manufacturers lifting prices on their finished goods by 10% or more. In this Asia Brief, you'll see higher inflation forecasts for 2021.
The US\$ heads back up	Last year, we expected a slide in the US\$, which started in May, to run for several years as global capital reweighted after years of success in the US. But with a surprisingly strong US recovery emerging in Q1'21, the US\$ has swung back to appreciation.

IMA Asia's forecasts	2018	2019	2020	2021	2022
World – Real GDP growth, %	3.6	2.8	-3.3	6.0	4.4
- US	3.0	2.2	-3.5	5.4	4.8
- Euro area	1.9	1.3	-6.6	4.4	3.8
- Asia/Pacific (14)	4.7	4.2	-0.9	6.9	5.2
- NIEs (4)	2.9	1.8	-1.2	5.1	3.9
- Developing or "EM" Asia (7)	6.5	5.7	0.2	8.2	6.2
- ASEAN (6)	5.0	4.3	-4.2	5.2	5.2
World goods & services trade volume, % growth	3.9	0.9	-8.5	8.4	6.5
US Fed policy rate, top of band, year-end, %	2.50	1.75	0.25	0.25	0.75
Inflation, CPI, US, year average, %	2.4	1.8	1.3	2.0	3.8
Inflation, CPI, Euro area, year average, %	1.8	1.2	0.3	1.5	2.0
Crude oil, average of 3 spot crudes, US\$	68	61	41	59	55
EUR/USD, year average rate	1.18	1.12	1.14	1.14	1.09
USD/JPY, year average rate	110	109	107	111	113

The Asia/Pacific 14 = the countries on the forecast summary page. NICs are the newly industrialised countries = Korea, Taiwan, HK, Singapore. The ASEAN 6 = Indonesia, Thailand, Malaysia, Philippines, Vietnam, + Singapore. Dev Asia = ASEAN 5 + China and India. IMA Asia forecasts.

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Regional Outlook

Summary of forecasts in this month's Asia Brief

GDP (Expenditure), real growth, %	2018	2019	2020	2021	2022
Japan	0.6	0.3	-4.8	3.0	2.2
China	6.7	6.1	2.3	8.5	6.2
Hong Kong	2.8	-1.2	-6.1	4.9	4.0
Taiwan	2.8	3.0	3.1	5.8	4.2
South Korea	2.9	2.0	-1.0	4.6	3.5
Indonesia	5.2	5.0	-2.1	4.5	4.6
Malaysia	4.8	4.3	-5.6	6.0	5.5
Philippines	6.3	6.0	-9.5	5.1	5.9
Singapore	3.5	1.3	-5.4	6.5	5.0
Thailand	4.1	2.3	-6.1	4.3	4.6
Vietnam	7.1	7.0	2.9	6.8	7.2
India (CY)	6.7	4.7	-7.0	9.3	7.2
Australia	2.8	1.9	-2.4	4.8	3.4
New Zealand	4.3	3.0	-1.2	4.2	3.6

Inflation, CPI year average, %	2018	2019	2020	2021	2022
Japan	1.0	0.5	0.0	0.8	1.3
China	2.1	2.9	2.5	2.5	5.0
Hong Kong (composite CPI)	2.4	2.9	0.4	1.5	3.0
Taiwan	1.3	0.6	-0.2	1.7	2.5
South Korea	1.6	0.4	0.5	2.5	3.5
Indonesia	3.2	2.8	2.0	3.5	5.5
Malaysia	1.0	0.7	-1.1	0.8	2.0
Philippines	5.2	2.5	2.6	4.5	3.8
Singapore	0.4	0.6	-0.2	1.2	1.8
Thailand	1.1	0.7	-0.8	1.5	2.8
Vietnam	3.5	2.8	3.2	1.7	5.5
India (CY CPI urban non-manual workers)	4.0	3.7	6.7	5.4	4.5
Australia	1.9	1.6	0.9	1.9	3.2
New Zealand	1.6	1.6	1.7	1.7	1.8

Exchange rate to US\$1, year avg.	2018	2019	2020	2021	2022
Japan	110	109	107	111	113
China	6.61	6.91	6.90	6.63	6.73
Hong Kong	7.84	7.84	7.76	7.80	7.80
Taiwan	30.1	30.9	29.5	28.0	27.6
South Korea	1,100	1,165	1,180	1,158	1,176
Indonesia	14,238	14,148	14,582	15,033	15,498
Malaysia	4.03	4.14	4.20	4.23	4.29
Philippines	52.7	51.8	49.6	50.3	53.0
Singapore	1.35	1.36	1.38	1.36	1.38
Thailand	32.3	31.0	31.3	32.4	33.1
Vietnam	22,602	23,051	23,208	23,602	24,084
India (FY)	68.4	70.4	74.1	75.0	78.5
Australia	1.34	1.44	1.45	1.37	1.42
New Zealand	1.44	1.52	1.54	1.49	1.52

Sources: CEIC, central banks, and national statistics offices. Forecasts are by IMA Asia.

Regional Outlook

Political & policy issues to watch

A hardening of political fault lines in Asia leading MNCs to restructure and keep their heads down	A key challenge for many MNCs will be responding to a hardening in Asia's main geopolitical fault line, which runs between China and the US. It will force some MNCs into uncomfortable strategies to secure their growth in China while others will need to amend their supply chains to lower geopolitical risk. It will help some countries that are alternative export manufacturing locations (like Vietnam) or can counterbalance over-dependence on the China market (potentially India). A pivotal shift in US-China relations occurred during the Trump administration as decade-long trends in both countries coalesced into a trade war. Significant changes in course are unlikely. The Biden administration's focus on coalition building will put pressure on countries to align with one side or the other. Companies will need strategies that lower the risk of becoming pawns in this contest.
Mitigating Taiwan risk	There have been many reports in the last month of a rise in geopolitical risk for Taiwan as China ramps up flights around the island and the US increases arms sales. As Taiwan is arguably the lynchpin for the global IT supply chain this has global ramifications across all industries, including services. While few expect a military confrontation this decade, China may try restricting some types of commerce. This may be the start of an era in which firms – Taiwanese and others – amend their expansion plans to mitigate this risk.
Myanmar's rise is over for now	A recent forum discussion on steps to secure Myanmar operations left a glum outlook that comes down to three scenarios. The main scenario (70%) is for a fast deterioration in the economy followed by a decade of stagnation, characterised by an obdurate but unified military supported by China, the generals ruling Thailand, and Russia with sanctions by the West achieving little apart from forcing Western firms to leave Myanmar. The main alternative (at 20%) is a split in the military that topples the coup leaders and returns the elected government to office. The third scenario (at 10%) is for the coup leaders to relinquish power in the face of popular protests and Western sanctions.

Outlook for the market

Our A/P forecast rises to 6.9% in 2021 as a broad recovery in export manufacturing takes hold	Like the IMF, our forecasts have risen. For the Asia/Pac 14, we now expect 6.9% growth in 2021 (from 6% in Feb'21). Our forecast for the export-driven newly industrialised economies (NIEs, S Korea, Taiwan, HK, and Singapore) rises to 5.1% (prior 4%) while China goes to 8.5% this year (prior 8.2%). India is unchanged at 9.3% while the ASEAN-6 lift to 5.2% (prior 4.5%). Unlike 2020, when the export surge was narrowly based (PPE, digital products, and pharma), the 2021 export lift will be broad based, running from chemicals and metals through to cars and capital goods. That should drive the recoveries in Japan, South Korea, Singapore, Malaysia, and Thailand. HK and Singapore, both hubs for trade and business services, could see particularly fast recoveries. We expect the growth surge to run into H1'22 before a reversion to pre-pandemic trend growth.
The 3 "at risk" markets still need watching	While our forecast for the ASEAN-6 as a group goes up, the Philippines drops to 5.1% in 2021 (from 6.3% forecast in Feb'21) as new COVID-19 cases have surged in the last month. That follows a 9.5% plunge in 2020, the biggest drop in Asia, which suggests that a weak recovery this year will lead into several more years of weak growth as the country struggles with renewed lockdowns, weakened balance sheets, and slow vaccination. India also faces a renewed COVID-19 surge, and we may need to cut our 2021 forecast as new local lockdowns are imposed. Indonesia's new cases continue to trend down, but it is exposed to the type of resurgence that has hit the Philippines and India.
The challenge from producer price inflation	While the IMF expects the global lift in consumer price index (CPI) inflation to be modest (from 3.2% in 2020 to 3.5% in 2021), a much bigger rise in producer price index (PPI) inflation is underway, with producers paying 40-60% yoy more for raw materials and 10-30% more for components. Final prices from manufacturing into the distribution channels are likely to rise by 10%+ this year.
Asia's currencies give ground on a rising US\$	In Feb'21 we changed our US\$ forecast from falling on its trade weighted index through 2021 and 2022 to rising, as a change in direction had emerged in Jan'21 and rapid upgrade to US growth forecasts suggested a rising US\$ would persist for 18-24 months. This month, we've amended all our A/P currency forecasts to show a drop on the US\$ from 2021 to 2022 with the exception of Taiwan, where we expect strong growth and surging exports to force the NT\$ up on a rising US\$.

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Japan

Political & policy issues to watch

A 3 rd COVID-19 wave eases while a slow vaccination drive gathers speed	PM Suga's preference for mild activity restrictions has left Japan struggling through a third COVID-19 wave. Average daily new cases spiked to 5,145 in January before dropping to 1,373/day in March as curbs were tightened in Tokyo and other areas. Japan has been slow in rolling out its vaccination program with only 1.1m of its 125m people vaccinated by April 9. Currently, it is reliant on limited imports of the Pfizer vaccine, although PM Suga has promised to have sufficient doses for all citizens by June, just ahead of the July 23 start of the Olympic Games. AstraZeneca and Moderna vaccines are awaiting approval. There is no local production, which puts the vaccination goal at risk.
Massive fiscal stimulus	Spending in the initial budget for FY2021/22 (starting April) rises 3.8% to Yen 106.6tr (US\$1tr). The extra stimulus in FY2020/21 reached US\$3tr (a massive 60% of GDP) and focused on cushioning the impact of COVID-19 on households and companies.
Despite poor polling, PM Suga looks secure as his	Opinion poll support for PM Suga's cabinet plunged to 43% in late January from 74% when he took office last September. As he lacks a factional base in the ruling LDP that suggests he might be toppled before the party's leadership race in late September and a general election, which must be called by October 22. However, his two main challengers – Fumio Kishida and Shigeru Ishiba, both former ministers and prominent LDP leaders – have
opponents fail and he finds new supporters	gained little traction. Meanwhile, Suga has promoted the younger duo of Taro Kono (who heads the COVID-19 campaign), and Shinjiro Koizumi (heading climate change) into prominent roles that buttress his position. Suga, Kono, and Koizumi are often seen in conversation with other MPs from Kanagawa Prefecture at the dormitory for lower house members, where Suga is staying at present rather than at the PM's residence.

Outlook for the market

	2	018 20	019 2	2020	2021	2022
Deflation should end while the yen slips on the US\$	Feb'21 was the fifth month of fa easing by the BOJ has boosted year earlier and producer prices That should lift CPI inflation to li keep interest rates lower and Q 103 in early Jan'21 to 110 in late	money supply look set to tur ft to 0.8% this E longer than t	growth to 9.7 n positive in I year and 1.3 he US Fed, t	7%yoy by Fe March after 1 % in 2022. <i>I</i> he yen has s	b'21 from 3.1% falling for a yea As the BOJ will slid from a high	∕∂a ar. ⊨of
A recovery for consumers from Q2'21	Government funding for corpora year average 2.8% in 2020 from jobs market as the ratio of job o market to continue improving as (locals only). Consumer deman year followed by 2.2% in 2022 a decade to 2019. Growth for 202	n 2.4% in 2019 ffers to applica s services and id fell 5.9% in 2 as COVID-19 fi	. Jan'21 saw nts edged up consumer ge 2020 with a se nally wanes.	a slight lift i to 1.1. We ar up for the oft 3.3% rec That follows	mprovement in expect the lab Olympic Gam overy expect th	n the our es nis
Strong China demand from 2020 & rising US demand in 2021	After falling 13.3%ytd over Q1-0 in Q4'20 followed by a 5.4%yoy We export exports to China to g same range as the US recovery recovery from chemicals and m fell 10% in 2020 following a 3% in 2022 after a decade average	lift for Jan-Feb row 10-15% gr accelerates aterials to cars fall in 2019. T	2021 thanks rowth while e The result sh and consum his year, we	to strong d xports to the ould be a br er goods. Ir	emand from Cl US lift into the oad industrial ndustrial produc	hina. e ction
Watch for a lift in manufacturing to lead GDP up	Japan's 2021 growth depends of over into 2021, to an export-led rises. Our GDP forecast is uncl Brief, although we've substantia	recovery this y nanged from th	vear as dema le Q1 present	nd from the tation and th	US and China	

2018	2019	2020	2021	2022
0.6	0.3	-4.8	3.0	2.2
1.0	0.5	0.0	0.8	1.3
-0.06	-0.07	-0.03	-0.03	-0.03
110	109	107	111	113
	0.6 1.0 -0.06	0.6 0.3 1.0 0.5 -0.06 -0.07	0.6 0.3 -4.8 1.0 0.5 0.0 -0.06 -0.07 -0.03	0.6 0.3 -4.8 3.0 1.0 0.5 0.0 0.8 -0.06 -0.07 -0.03 -0.03

Sources: 2018-2020 data from the BOJ and government sources; 2021-2022 forecast by IMA Asia

The above forecast is by IMA Asia. Companies seeking local advice should contact:

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China

Political & policy issues to watch

COVID-19 success vaccination to herd immunity by Q1'22	By the end of March 2020, China had beaten COVID-19 by effective suppression. One year later, China's vaccination campaign is on track to reach 65% of the population by the end of 2021 and a high level of herd immunity in early 2022. By April 5, 143m vaccinations had been given (9.9% of the population) with an average 4.8m vaccinations each day in the latest week. Four locally developed vaccines are in use while 100m doses of the BioNTech vaccine are held in China by local distributor Fosun but not yet approved (it is supplying them to HK and Macau).
Beijing's 2021 target deleveraging rather than growth	China entered 2021 tapping on the brake to slow its economy. Beijing's priority this year is deleveraging the economy, particularly in real estate development, local government, and fintech credit for consumers. As a result, the big property developers expect <u>weaker</u> growth this year and young consumers (particularly students) will find their access to credit via ecommerce platforms sharply reduced or ended. Strong underlying growth provides the opportunity to accelerate such growth-negative reforms.
Time to align with the wind in China	2021 is a big year for China with the 14 th 5-year plan launched, the 100th anniversary of the Communist Party in July, and President Xi Jinping laying the ground for an exceptional third 5-year term in late 2022. Domestic and foreign policy objectives are locked in place as Beijing trumpets a "rising China" message that is very popular with citizens. All companies need to align with the wind and foreign governments face more lectures.

Outlook for the market

Growth of 8-9% in 2021	While Beijing's 2021 growth target is "about 6%" and deleveraging policies have priority, the risk is on the upside. Demand recovered steadily in H2'20 and appears to have surged in Q1'21. With COVID-19 suppressed, vaccination accelerating, and strong demand from
as services	the US, analysts such as UBS are forecasting 9% growth this year. The March PMI
growth takes off	suggests that manufacturing cooled last month, but we think this is temporary (see below). Meanwhile, the services sector PMIs accelerated in March with scores of 54.3 (Caixin, prior month 51.5) and 55.2 (NBS, prior month 50.8) as companies hired more people and lifted their prices. We've raised our 2021 GDP forecast to 8.5% (8.2%, Feb'21) with 2022 at 6.2% (unchanged). In April, the IMF lifted its 2021 forecast to 8.4% (8.1% in Jan'21) with 5.6% for 2022 (unchanged).

Manufacturing
faces softer local
demandThe 50.6 March PMI for manufacturing from Caixin/IHS was still in expansion territory but
was the lowest score in 11 months. Respondents to the survey reported slightly softer
local demand, rising export demand, and surging prices. Exports for Jan-Feb measured
against the same two months in 2019 (not 2020) were up 33% with shipments to the US up
36%. We expect full year exports to rise 18% in 2021 and 12% in 2022 after 3.6% growth
in 2020 and a decade average to 2019 of 8.1%pa. That will help offset softer local demand
and should lift manufacturing by 10.6% this year and 6% in 2020 after 2.3% in 2020.

A steady lift in
consumer
demandRetail sales by Feb'21 unsurprisingly jumped 34%ytd although the yuan data suggests a
modest rise of 5.5% on Jan-Feb 2019. We expect the pace to lift as the employment
market is tightening, wage growth will rise, and policies will encourage consumption (but
not with debt). We expect 8% consumer demand growth this year and 6.5% in 2022 after
an estimated 1.8% in 2020 and an average 8.3%pa for the decade to 2019.

Watch out for more inflation
... our yuan outlook switches to a mild fall on a rising US\$
Watch for a quick rise in inflation through Q2'21, an issue discussed in our February Tracker call with China forum members. While the consumer price index (CPI) was up just 0.4% yoy in March, the producer price index (PPI) jumped by 4.4% yoy as fast rising prices for commodities, materials, and components pushed up prices on goods leaving factories. We expect PPI inflation to average 5.9% this year from -1.8% in 2020 while CPI inflation averages 2.5%, which is up from 0.1% yoy in Q4'20 but in line with the average for 2020. The yuan has joined other Asian currencies in easing on a rising US\$. This reflects global capital buying into a US upturn and Beijing easing restrictions on capital outflows. We've changed our forecast from mild yuan appreciation to mild depreciation on the US\$.

	2018	2019	2020	2021	2022
GDP, real growth, %	6.6	6.1	2.3	8.5	6.2
CPI, year average, %	2.1	2.9	2.5	2.5	5.0
PBOC 1-year loan, at Dec., %	4.35	4.25	4.25	4.50	4.75
USD/CNY, year average	6.61	6.91	6.90	6.63	6.73
Osumes 0040.00 data from OEIO and sourcements		h 1846 Anin			

Sources: 2018-20 data from CEIC and government agencies; 2021-22 forecasts by IMA Asia

Hong Kong

Political & policy issues to watch

COVID-19 cases fall & restrictions ease	New cases of COVID-19 fell to 10-20 a day in March allowing <u>activity restrictions</u> to be eased on April 1. Business meetings are capped at 20 people and schools can run at two-thirds capacity after Easter. By March 31, 505,099 people in the 7.5m population had been vaccinated at least once using the two vaccines currently approved, Sinovac and Pfizer.					
Beijing imposes direct control	Beijing is ending limited de controlled by China. The Committee will expand from	ourts, for the	moment, rema	in independer	nt. The city's E	lection
ending HK's limited democracy	and Beijing-aligned organia members in the Legislative while directly elected seats former Chief Executive CY become a new power cent by the government, which	sations. The c Council (Leg fall to 20 fron Leung, will ra re. All candid	committee sele Co). The cour n 35. The Elec nk above Chie ates for LegCo	ects the Chief I ncil increases f ction Committe of Executive C i's December	Executive and to 90 seats (fro ee chair, proba arrie Lam and election will be	40 om 70) bly may vetted
The risk of an exodus of talent	The new system ends the UK would run to 2047. Fro HK politics and halts disrup essential to HK's role as a downside is that many Hor	om Beijing's pe otive public pro hub for global	erspective the otests. Judicia finance, which	change ends f Il independenc n is valuable to	he democration the remains as the china. The	drift in
Outlook for the ma	arket					
A global upturn will lift HK in 2021	As a global trade and serv demand rises. The missin according to the <u>WTTC</u> . C 2022 has been trimmed to 4.3% for 2021 (from 3.7%	g piece will be our forecast of 4% (4.7% in F	tourism, whick 4.9% GDP gro eb'21). In Ap	h contributed owth this year ril, the IMF up	10.3% to GDP is unchanged dated its forec	in 2019 while
strong growth in trade from Q1'21	As COVID-19 halted China's economy in Feb'20 it is not surprising that HK's exports for the first two months of 2022 jumped 38%ytd after a 0.5% drop in 2020 while imports surged 28.4%ytd from -2.3% in full 2020 (all US\$ basis). Benchmarked to the first two months of 2019, which is a better guide to true expansion, exports were up a strong 22.5% in 2021 while imports grew 17.5%. We expect exports to grow 12% this year and 8% in 2022 after average growth in the decade to 2019 of 5%pa.					
The finance sector leads growth	HK's finance sector did well in Q1'21 with a quarterly record of HK\$117bn (US\$15bn) raised by IPOs across 13 deals, putting HK second to Nasdaq in terms of funds raised in Q1'21. The finance and insurance sector was the strongest part of the economy in 2020 with 3.9% real growth. It is now the biggest activity contributing to GDP with a 22% share. That will help offset the weak tourism outlook. Arrivals plunged to 3.6m in 2020 from 55.9m in 2019. We expect 6m arrivals in 2021 (mostly in Q4'21) and 10m in 2022. A return to the 65m arrivals of 2018 (78% from China), is unlikely in the next five years.					
Consumers may remain cautious	Consumer demand fell 10.1% last year and a rebound of about that magnitude might be expected this year as COVID-19 fades. Yet unemployment rose to a new decade high of 6.8% in Feb'21 as the large tourism sector remains dormant and political changes may slow the recovery in consumer sentiment. We expect a 7.5% lift this year followed by 4.3% in 2022 after a decade average to 2019 of 4.3%pa.					
Inflation lifts in 2021 & interest rates rise in 2022	Inflation edged up to 1.1% Rising global prices, partic months. A similar lift in inf its policy rate, which guide	ularly from Ch lation in the U	ina, will push i S will see the l	nflation higher JS Fed pull fo	over the next	18
GDP, real growth, % Composite CPI (14/1 Discount window bas USD/HKD, year avera	e rate, % year end	2018 2.8 2.4 2.75 7.84	2019 -1.2 2.9 2.49 7.84	2020 -6.1 0.4 0.50 7.76	2021 4.9 1.5 0.50 7.80	2022 4.0 3.0 1.00 7.80

Sources: 2018-2020 from Censtat, HKMA, and CEIC; 2021-2022 forecasts by IMA Asia.

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Taiwan

Political & policy issues to watch

Quick COVID-19 suppression	Taiwan's effective suppression of COVID-19 continued through March with an average two new cases a day (mostly returning travellers). That has allowed businesses to operate as					
… with little need for stimulus	normal, although international travel has stopped. Quick COVID-19 suppression and surging exports meant that Taiwan needed little fiscal stimulus. Vaccination is moving slowly, however, with 316,200 doses arriving so far and 14,400 vaccinations by the end of					
& a slow start to vaccination	March for a population of 24m. Contracts are in place for 10m AstraZeneca doses, 5.05m Moderna doses, and 4.76m other shots through the COVAX programme. We expect the vaccination campaign to be completed in 2021 despite the slow start.					
Drought creates supply chain risk	A bigger challenge in 2021 may be <u>running out of water</u> , particularly for the electronics sector, which already faces supply chain challenges. Water rationing in parts of the island started on March 24 as the island faced its worst drought in 56 years.					
President Tsai is well placed	President Tsai Ing-wen's government may need a reshuffle if Premier Su Tseng-chang is forced to follow the transport minister in resigning after a deadly train crash in early April. However, success in managing COVID-19 and a strong economy leaves her government well placed for the 2022 mid-term elections and the 2024 election when she steps down.					
Geopolitical risk is moderate but needs watching	A hardening in China-US competition could hurt Taiwan if the island becomes a point of contention due to <u>domestic politics in both super-powers</u> (rising nationalism in China and anti-China sentiment in the US). So far, President Tsai has steered a safe course between both, and a military clash seems unlikely in the next few years even though China has increased military flights around Taiwan and the US has increased arms sales to Taiwan.					

Outlook for the market

Surging growth meets supply constraints	The surge in demand for Taiwan's IT exp 2021 while growth broadens to more indu demand and capex. In our Q1 forecasts forecast to 5.8% (from 5% Feb'21) and 2 be supply chain constraints, from materia and shipping containers.	ustries thanks to in mid-March, v 022 to 4.2% (pi	o a strong rise we lifted Taiwa rior 3.2%). The	in consumer in's 2021 GDP e main challeng	ge will
The PMI hits record territory	The PMI for March captures the exports a straight month over 60 (where 50 is the d sub-index covering the outlook for the ne	ivide between	expansion and	l contraction).	The
… as material prices soar	since the index started in July 2012. The 90 for the first time on record to hit 91.6. this year and 6% in 2022 from 6.3% for 2	sub-index on i We expect ma	aw material pr nufacturing GI	rices broke thro DP growth of 7.	ough .9%
Strong capex on plant, less on houses + a strong lift for consumers	Capex on plant and equipment will likely in 2020 and a decade average to 2019 or Capex in construction is expected to grow 2020 following more restrictions to curb e Consumers will gain from all this activity average 3% this year and 2.8% in 2022 f demand growth lift to 2.3% in 2021 and 3	f 6.4% as facto wth 5.5% this ye excess investme with unemployr rom 3.9% in 20	ries scramble f ear and 2% in ent in fast risin nent expected 20. That shou	to lift capacity. 2022 from 5.9% g house prices to drop to a ye Ild see consum	% in ar
A rise in inflation while the TWD tracks the USD	Seasonally adjusted inflation rose to 0.6% expect surging growth to push the 2021 y 2022. The TWD is one of the few curren through 2022. Our 2021 year-average for	vear-average ra	ate to 1.7% with ostly follow the	h 2.5% possible expected USE	e in
GDP real growth %	2018 2.8	2019 3.0	2020 3.1	2021 5.8	2022 4.2

	2018	2019	2020	2021	2022
GDP, real growth, %	2.8	3.0	3.1	5.8	4.2
CPI, year average, %	1.3	0.6	-0.2	1.7	2.5
Official discount rate, year-end, %	1.375	1.375	1.125	1.375	2.125
USD/TWD, year average	30.1	30.9	29.5	28.0	27.6

Sources: 2018-2020 government data and CEIC; 2021-2022 forecasts by IMA Asia.

The above forecast is by IMA Asia. Companies seeking local advice and forecasts should contact:

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South Korea

Political & policy issues to watch

More COVID-19 outbreaks and a slow start to vaccination	South Korea is struggling with a small wave of COVID-19 that emerged last November, with new cases averaging 439/day in March (little changed from Feb'21). New activity restrictions are possible in April if new cases rise from the current level after the arrival of COVID-19 variants from the UK, South Africa, and Brazil. Vaccination has <u>started slowly</u> , partly due to delays in delivery of vaccines. The government still aims to immunise 12m people by June and reach herd immunity for the 52m population by November. We don't expect this to hinder Korea's 2021 recovery, but it needs watching.
Extra stimulus to lift demand in 2021	A fifth extra budget since the pandemic started was announced in early March to support employment and small businesses and accelerate vaccination. That brings the extra stimulus this year to KRW 19.5tr (US\$17bn or 1% of GDP).
Support for Pres. Moon wanes	Despite good management of COVID-19, President Park's Democratic Party is expected to lose the mayoral elections in Seoul and Busan, Korea's two biggest cities, in early April. The left-of-centre voters who support his party have been put off by corruption scandals and the soaring cost of housing in Seoul. The conservative People Power Party could win next year's presidential race simply due to voters tiring of the liberals.

Outlook for the market

Exports will lead a 2021 recovery	Korea's two big growth engines – consumer demand and exports – both fell last year but a broad recovery across the export manufacturing sector emerged in Q1'21 and that should feed into a strong consumer recovery as demand for labour rises. Assuming the current COVID-19 outbreak is suppressed, the main constraint is likely to be shortages of materials and skilled labour. At Q1 forecasting in mid-March, we raised our growth forecast to 4.6% for 2021 (prior 3.5%). We now lift 2022 to 3.5% (prior 3.1%).					
A broad upturn in manufacturing	Exports rose 12.7% yoy in Q1'21 to reach US\$147bn, which is more than any quarter since the start of 2019. The Q1'21 recovery was across all industries. Vessel exports grew 28.6% yoy after a 2% drop in 2020 while ship builders booked 10 times the orders in Q1'21 that they took in all of 2020. Wireless communication products (including mobile phones) rose 21.7% yoy in Q1'21 after a 6.4% drop in 2020, petrochemicals grew 26.6% yoy after -16.4% in 2020, and vehicles by value grew 31.5% yoy after -13.1% in 2020. We expect exports to grow by 11% this year and 8% next year after a 5.5% fall in 2020. That should lift manufacturing GDP by 6.5% this year and 4% in 2022 after a 1% fall in 2020.					
lifting capex	The rebound in export m plant and equipment in 2 invested in new plant ev 3-4%pa in 2021 and 202 should lift by around 5%	2021 and 2022. en as exports fe 22 as the govern	That follows 6 II. Capex for o ment accelera	5.8% growth in construction is ites home cons	2020 as Kore expected to g	an firms Irow by
Consumers will also gain	The consumer sentiment index jumped to 100.5 in March, its first time above 100 since last January, while the seasonally adjusted unemployment rate fell to 4% in Feb'21 from 5.4% the prior month. After a 4.9% fall in 2020, we expect a 3.3% real lift in consumer demand in 2021 and 2.8% in 2022.					
Mild inflation as the won slips on a rising USD	Better demand and risin demand exceeds supply 2022 forcing the central joined other currencies i	into 2022 inflati bank to lift its po	ion is likely to a blicy rate in late	rise to 2.5% th e 2021 or early	is year and 3.	5% in
GDP growth, % CPI, year average, % BOK Base rate, year- USD/KRW, year aver	end, %	2018 2.9 1.6 1.75 1,100	2019 2.0 0.4 1.25 1,165	2020 -1.0 0.5 0.50 1,180	2021 4.6 2.5 0.75 1,158	2022 3.5 3.5 2.25 1,176

Sources: 2018-2020 government data (NSO, BOK) and CEIC; 2021-2022 forecasts by IMA Asia.

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Better COVID-19 suppression & aiming for herd immunity by March 2022	New COVID-19 cases peak at 10,810/day in Jan'21 before tighter activity curbs brought the rate down to 5,712/day in March. Variants from South Africa and Brazil have arrived, bringing the risk of a renewed surge. Vaccination started in Jan'21 with the aim to covering 181m people (66% of 272m population) by Mar'22. 8m people had at least one shot by the end of March. Supply of the AstraZeneca vaccine has been curtailed by India's export ban, so Indonesia will increase use of the Sinovac vaccine. Local level activity restrictions have been extended to 20 provinces and will run to April 19 with an extension possible. Google's April 4 mobility report shows retail and recreation down 12% on pre-pandemic levels, with -15% for transit stations, and -12% for workplaces.
Continued fiscal stimulus to lift Ioan growth & boost consumers	The government has stepped up fiscal support with the aim of lifting consumer demand and reversing a 2%yoy fall in loan growth in Jan'21. A government guarantee for bank loans has been broadened to include firms with a minimum 50-100 staff (previously 300), a maturity of three years (previously one), and a minimum size of Rph5bn (US\$345,000; previously Rph10bn). Meanwhile, the March 1 tax break for buying a new car lifted from models up to 1,500cc to models up to 2,500cc from April 1. That is <u>better aligned</u> with middle class spending power. Taxes have also been cut on buying homes from Mar'21 to Aug'21 with the aim of <u>clearing excess inventory</u> .
Big political moves boost Pres. Widodo	The last month has seen several big political developments. President Widodo's chief of staff, Moeldoko led a group attempting to take over Partai Demokrat, but was blocked by the courts. PD is one of only two opposition parties. Parliament also decided that <u>all local election must coincide with the 2024 presidential poll</u> , which means that the many provincial and city leaders who retire as their terms end in 2022 and 2023 will be replaced by President Widodo's appointees. Both developments point to a consolidation of power under President Widodo, giving him the authority to push through policies and an ability to shape the next administration in 2024.

Outlook for the market

A mild 2021 recovery reliant of local demand	Forecasts for Indonesia have coalescer firmer recovery in 2022. At Q1 forecas to 4.5% (prior 3.8%) with 2022 raised to forecast cuts 2021 to 4.3% (from 6.1% 5.3%). Indonesia does little export man help. The key is reviving local demand	ing in mid-March 9 4.6% (prior 4.4% forecast last Octo jufacturing, so the	, we nudged u 6). Meanwhile bber) with 2022 e 2021-22 glot	p our 2021 fore , the IMF's Api 2 lifted to 5.8% pal recovery is	ecast ril (prior
A weak start to 2021 for consumers	Consumers had a weak start to 2021, w 11.9% drop in 2020 while light vehicles 2020. The annual pace for light vehicle 2009 level. Consumer demand on the expect a lift of 2.7% followed by 4.3% in	ales fell 41.5%yt sales of 338,320 GDP measure fel	d by Feb'21 af) units in Feb'2 I 2.6% last yea	iter a 50.5% dro 21 is back at the ar. This year, v	op in e ve
A mild capex recovery	Fixed investment fell 4.9% last year. T 4.9% in 2022 after a decade average to 75% of all capex with the main challeng	2019 of 6.3%pa	. Constructior	accounts for s	
Inflation should lift as the rupiah slips on the US\$	Inflation was steady at 1.4%yoy in Mar' average this year due to rising import p Indonesia to start lifting its policy rate ir inflation. The rupiah has joined most o from Jan'21. We expect a year averag	rices, particularly late 2021 as mu her Asian curren	for fuels. We ch to defend th cies in slipping	expect Bank he rupiah as to g on a rising US	curb
	2018	2019	2020	2021	2022

	2018	2019	2020	2021	2022
GDP, real growth, %	5.2	5.0	-2.1	4.5	4.6
CPI, year average, (2012=100), %	3.2	2.8	2.0	3.5	5.5
Central bank rate (7-day RR) at Dec %	6.00	5.00	3.75	4.50	5.50
USD/IDR, year average	14,238	14,148	14,582	15,033	15,498
Sources: 2018-2020 government data (BPS, BI) and CEI	C; 2021-2022 forecas	ts by IMA Asia			

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Still struggling to curb COVID-19 vaccination has started	Malaysia is grappling with its largest COVID-19 wave, which started in late October, peaked at average daily new cases of 3,289 in January, and eased to 1,443/day in March. A March 21, Google's mobility report showed retail & recreation 21% below pre-covid levels, public transport at -46%, and workplaces at -15%. Vaccination started in February using Pfizer's shot, with the Sputnik V, Sinovac, and AstraZeneca vaccines on order. By April, 0.6m people had been vaccinated out of a population of 33m. A target of 80% vaccinated for herd immunity has been set for Feb'22.
Political battles distract the government	With the parliament suspended from January, the minority government of PM Muhyiddin is governing via emergency decrees until August, supposedly to help counter COVID-19. Muhyiddin, whose BERSATU party is backed by UMNO and PAS, has promised an election after the emergency. That would likely lead to another unstable coalition, as UMNO and PRK, the two largest parties in parliament, are riven by internal disputes.
More fiscal stimulus in 2021 helped by a rising oil price	Malaysia has announced an extra M\$20bn (US\$4.9bn) stimulus in late March, which will lift the 2021 budget deficit to 6% of GDP (the FY starts in January). This follows extra spending packages of M\$15bn in January and M\$55bn announced last year (with M\$38bn for 2020 and the rest for 2021). Last year, the government lifted its statutory debt ceiling by five percentage points to 60% of GDP to cover extra spending and weaker revenues. A rising oil price will help, as the budget assumed a US\$45-55/bbl price and Malaysian crude is currently at \$64. Oil and gas can deliver 15-25% of budget revenues.

Outlook for the market

Exports & fiscal stimulus to lift GDP in 2021	Malaysia's export engine should kick into high gear this year thanks to strong demand and rising prices for both commodities and manufactured goods. However, the recovery in local demand will be milder despite a strong fiscal stimulus as the two big drivers of private sector demand face headwinds. Consumers (59% of demand) enter 2021 with a lot of debt and a preference for deleveraging. Meanwhile, fixed investment (21% of demand) is likely to be constrained by political uncertainty. Our 2021 GDP forecast of 6% is unchanged from Feb'21, while 2022 has been lifted to 5.5% (prior 5.1%).					
A broad recovery for manufacturing	After a 2.6% fall in 2020, exports rose 1 and energy exports fell by 12% in 2020 electronics and electrical sector should growth in 2020. Total exports should ri Manufacturing GDP fell 2.6% last year should growth 6-7% this year and 5-6%	but should lift b see an export lif se by 10-15% in but with strong e	y 12-15% this ft of 10-15% t 2021 and 8-	year. The lar his year after 2 10% next year.	ge 2.3%	
A mild recovery for consumers and capex	A rise in manufacturing should prompt a 2021 after falls of 8.6% last year and 5. 18.3% in 2020, should also rise by 8-10 an oversupplied housing market and sk consumer demand, which fell 4.3% in 2 and 5.5% in 2022, which is well below t reached a high 72% of GDP in Q2'20 p to 4.3% in 2020 after growth of 8.7% pa	5% in 2019. Ca % this year with ow progress on 020, is likely to he 7.1%pa pace rompting housel	pex in constru- a stronger re major projects be limited to a of 2010-19.	uction, which fecovery held bass. Meanwhile, a 6.2% rise in 2 Household de	ell ack by 2021 bt	
A bit more inflation & a weaker M\$	We expect a mild pickup in inflation up deflation (-1.1%) in 2020 as economic a the M\$ towards the weaker side of the 2016. This should lead to (year-average	activity recovers narrow 3.90-4.4	. A broadly ris 5 range it has	ing US\$ shoul been trading s	d lower since	
GDP, real growth, %	2018 4.8	2019 4.3	2020 -5.6	2021 6.0	2022 5.5	

	2018	2019	2020	2021	2022
GDP, real growth, %	4.8	4.3	-5.6	6.0	5.5
CPI, year average (2010=100), %	1.0	0.7	-1.1	0.8	2.0
Central bank overnight policy rate, Dec, %	3.25	3.00	1.75	1.75	2.00
USD/MYR, year average	4.03	4.14	4.20	4.23	4.29

Sources: 2018-2020 data from the government, Bank Negara, & CEIC; 2021-2022 forecasts by IMA Asia.

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Philippines

Political & policy issues to watch

Struggling with COVID-19 a slow vaccine rollout	The Philippines is struggling to contain COVID-19 with a jump in new cases to 9,000/day at the end of March from 1,812/day in February. Most of the cases are in Metro-Manila (13m people and 40% of GDP) where a new lockdown occurred over Easter. By March 24, 0.5m people had been vaccinated in a population of 110m. Mass vaccination is to start in May and the government says it will vaccinate 70m adults by the end of 2021, although we think vaccination to herd immunity levels will take two years.
RISK: a credit rating downgrade	To preserve its investment-grade credit rating, the government limited last year's fiscal stimulus to 4% of GDP, which put full year spending up 11.3%. The initial budget for 2021 includes a modest 4.7% lift in spending, although that could rise if a 420bn peso (US\$8.7bn) pandemic relief bill, which includes tax cuts, is passed. Finance Minister Dominguez will need to be careful, as ratings agency Moody's has warned that higher spending, weaker revenues, and an unchecked pandemic could undermine fiscal stability. Its current Philippines' rating is Baa2/stable, two notches above junk.
The Dutertes prepare for 2022	Politics will move into high gear as the May 2022 elections approach. President Duterte (76) must retire as he faces a single 6-year term limit. Yet he remains very popular, and his supporters are urging him to run for vice president. Front runner for the presidency
& a final drive on infrastructure, possibly	remains his daughter, Sara Duterte-Carpio, who is currently governor of Davao (the president's prior role for 22 years). President Duterte is expected to push for a strong finish to his signature "Build, Build, Build" infrastructure program. Whether that is possible given financial constraints and COVID-19 will become apparent in the next few months.

Outlook for the market

COVID-19 delays a With rapid growth in COVID-19 cases in March, the opportunity for a V-shaped recovery in recovery 2021 from last year's 9.5% plunge is fading. January saw bank lending drop 2%yoy, imports fall 14.9% yoy, and exports slide 5.2% yoy. Industrial production was hammered, with a 16.7% yoy fall in January after a 38.2% fall in 2020. Given the pandemic surge and a ... and puts of foreign tourists weak start to the year, we have trimmed our 2021 GDP growth forecast to 5.1% (from until 2023 6.3%), with 2022 now at 5.9% (from 6.6% in Feb'21). The 2-year average pace for 2020-21 is -2.2%pa and it is not until 2023 that the economy clearly exceeds its real value in 2019. A prolonged pandemic puts off any chance of a tourism recovery until 2023. A limited upturn Consumers have been hit by a weak jobs market and falling remittances from overseas for consumers workers (-1.7%yoy in Jan from -0.8% in 2020 and 4%pa over 2015-19). Unemployment peaked at 17.6% in April 2020 before recovering to 8.7% by October 2020. However, the January survey showed the rate still stuck at 8.7%, well above the 5.4%pa average for 2016-19. We expect a weak 2.1% lift in consumer spending this year after a 7.9% drop in 2020, followed by 4% in 2022. That follows a decade average to 2019 of 5.9%pa. Fixed investment surged by 11.8%pa over 2012-19 as Presidents Aquino and then Duterte A weak recovery in capex for public focused on infrastructure. 2020 saw a 27.5% plunge and undoubtedly President Duterte would like this fully reversed before he steps down in May 22. But given more lockdowns works and a rise in funding challenges, we think the recovery will be limited to 8-10% this year and 6-8% in 2022. This is a major loss in impetus for the Philippines. Higher inflation Inflation and the currency will be challenges in 2021. A 7%yoy jump in food prices in February pushed consumer inflation up by 4.7%. The central bank hopes this will ebb and a weaker soon, and no rate hike will be needed. However, we think rate hikes will be needed, as peso much to slow a fall in the peso as to curb inflation, which we think is heading higher.

	2018	2019	2020	2021	2022
GDP growth, %	6.3	6.0	-9.5	5.1	5.9
CPI, annual average, %	5.2	2.5	2.6	4.5	3.8
Central bank reverse rep. rate, year end	4.75	4.00	2.00	2.75	3.25
USD/PHP, annual average	52.7	51.8	49.6	50.3	53.0

Sources: 2018-2020 data from BSP and CEIC; 2021-2022 forecasts by IMA Asia.

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Political & policy issues to watch

COVID-safe and fully vaccinated by the end of 2021 restrictions ease from April 5	With very little community transmission of COVID-19 (most of the new cases over the last six months have been travellers in quarantine), restrictions on office attendance will <u>ease</u> from April 5, allowing most firms to return to a semblance of normal operations. Singapore is also keen to establish travel bubbles with other covid-safe countries. However, finding partners who don't have renewed outbreaks is difficult (the latest news is <u>here</u>). Vaccination using the Pfizer and Moderna vaccines started in late December with the aim of fully vaccinating the entire 5.7m population by the end of this year.
Households & firms cushioned by fiscal support	Singapore delivered a big fiscal stimulus in FY2020/21 (ending March), with spending up 24.8% while revenue fell 13%. Households and businesses were comprehensively cushioned from the impact of activity restrictions and demand should quickly recover as restrictions ease and sentiment improves. An 8.8% lift in spending is planned for FY21/22.
Going green fast … in bonds too	Singapore is stepping up plans to ban diesel-powered cars and taxis (but not trucks and buses) from 2025, five years earlier than previously scheduled. Aiming to encourage the use of electric vehicles (EV), 60,000 charging stations will be installed by 2030. Some S\$19bn (US\$14.2bn) in green projects, such as the Tuas Nexus integrated water and solid waste treatment facility, which will be financed by green bonds, which will help establish a S\$ green bond market.
More curbs on home prices?	A lift in residential prices may lead to new cooling measures in the housing market for the first time since 2018. The lift in prices is despite falling rents and rising vacancies.

Outlook for the market

Global upswing to boost growth	Singapore's recovery is underway with the private sector PMI climbing to 54.9 in February from 52.9 in January on rising output, new orders, and business confidence. The recovery is driven by external demand, with non-oil domestic exports (NODX) jumping 12%yoy for the first two months of 2021 after 3.1% growth in 2020. We expect NODX growth, which reflects the large local manufacturing sector (22% of GDP), to grow 12% this year and 9% in 2022 after average growth of 2.8%pa for the decade to 2019. That should deliver GDP growth of 6.5% this year and 5% in 2022.
Consumers to lift spending as the jobs market improves	Employment took a hit from COVID-19 in 2020 with employment falling 4.8% (mostly in construction and manufacturing) even though the unemployment rate stayed in a 2.2-3.8% range through the year. Despite a weak jobs market average monthly earnings for households rose 1.4% in 2020 thanks to government wage subsidies and cash handouts. Last year's record 14.1% drop in consumer demand was mostly due to activity restrictions rather than financial construction should revive job creation and lift consumer demand by 6.7% this year and 4% in 2022.
Industry and infrastructure to drive capex growth	A 13.2% rise in business investment commitments to S\$17.3bn in 2020 was well above the long-term target of S\$8-10bn a year. That bodes well for a capex recovery following a 13.7% fall in 2020. Together with increased spending on public works - such as the Jurong East Integrated Transport Hub, the Jurong Region Line, and the Cross Island Line - should lift fixed investment by 4.7% this year and 4% in 2022.
A softer S\$ as inflation lifts	The strong global recovery is set to lift Singapore's inflation to 1.2% in 2021 and 1.8% in 2020 from -0.2% in 2020. We expect the S\$ to ease on the US\$ towards the middle of the 1.30-1.45 range it established since 2015, as the US\$ gains against most world currencies.

	2018	2019	2020	2021	2022
GDP, real growth, %	3.5	1.3	-5.4	6.5	5.0
CPI, year average, %	0.4	0.6	-0.2	1.2	1.8
3-month interbank interest rate, Dec, %	1.89	1.77	0.41	0.90	1.70
USD/SGD, year average	1.35	1.36	1.38	1.36	1.38

Sources: 2018-2020 data from government, MAS and CEIC; forecasts for 2021-2022 by IMA Asia

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Political & policy issues to watch

Thailand races to curb COVID-19 with mass vaccination from May targeting a small tourism restart in July	Thailand is scrambling to suppress the latest wave of COVID-19, which peaked at 402 new cases/day in January before slowing to 98/day in the first 26 days of March. Meanwhile, vaccination is being ramped up. 61m doses were initially ordered from AstraZeneca (with local production by Siam Biosciences) and 2m from Sinovac. Orders for another 5m have been placed with both, bringing the total to 73m, enough to cover 55% of the 67m population. J&J's vaccine has also just been approved. Vaccination is underway but a mass campaign won't start until May, when some 10m doses a month become available. The government says vaccination will be completed this year, but we think reaching 50% this year will be challenging with 75% reached in H1'22. Meanwhile, tourism authorities are pushing for 70% vaccination levels on tourist islands like Phuket to enable a July 1 reopening for foreign tourists who can prove they are vaccinated.
2021 starts with more stimulus for consumers	While Thailand did well in suppressing COVID-19 in 2020 its economy was hit by a collapse in tourist arrivals to 6.7m last year from 40m in 2019. That tipped some 1.5m workers out of their jobs and was a major contributor to a 6.1% fall in GDP in 2020. A US\$1.7bn stimulus was announced in Q4'20 as the new COVID-19 wave hit and a further \$7bn in cash handouts to low-income workers was made in Q1'21. The handouts, worth baht 3,500/person/month, ran to March. They may be extended into Q2'21.
Stuck with bad politics	Street protests against the army-run government have died down as protest leaders have been jailed. A push to revise the latest constitution, drafted under military guidance, has also stalled. PM Prayut's military-backed government appears stable for now.

Outlook for the market

We expect export manufacturing to lift GDP in 2021 but other don't	In our Q1 forecast we lifted as several Thai institutions 2021 forecast to 3% (3.2% Policy Office forecasts 2.8' local demand, and missing manufacturing driven by st (March 2021), we argued t capacity outside of China f	cut their fore forecast last %. Both are v tourists. By rong demand hat the recove	casts. The Ba December) wh vorried about s contrast, we e: from China ar ery could run to	nk of Thailand hile the finance slow progress of xpect a recove hd the US. In co o 2025, as the	(BOT) has cu ministry's Fis- on vaccination ry in export our Thailand O re is a need fo	t its cal s, weak outlook
The prospect of a strong and broad export recovery	There's little sign yet of a s two months of 2021 saw a in 2022 from a decade ave 2020 (for IT goods, PPE, a and consumer goods. Man growth followed by 4-5% ir	2.6 yoy drop rage to 2019 and pharma), t nufacturing Gl	b. We expect of of 5.3%pa. In this year shoul DP fell 5.7% in	exports to lift b place of narro d see broad de 1 2020. This ye	y 9% this year w global dema emand for indu ear we expect	and 7% and in Istrial
lifting capex in plant	Manufacturers should lift fixed investment in plant and equipment by 7-8% this year and 5% in 2022 after a 5.2% drop in 2020. Construction capex will be weak in housing but stronger in civil works. Total capex should lift by 5.5% this year after -4.8% in 2020.					
A slower recovery for consumers	2020 saw retail sales fall 10.5% and personal vehicles sales plunge 31% as consumer demand fell 1%. We expect consumer demand to lift by 2.6% this year and 3.3% in 2022 after a decade average to 2019 of 3.9%pa.					
Inflation returns & the baht slips on a rising USD	Consumer prices fell 1.2%yoy in Feb'21 after a 0.8% drop in 2020. The fall was mostly due to weaker energy prices (-7.5% in Feb), which will reverse soon, lifting inflation to 1.5% in 2021. The baht has joined other currencies in slipping on a rising USD from January.					
GDP, real growth, % CPI (2015 index), yea Central bank, policy r		2018 4.1 1.1 1.75	2019 2.3 0.7 1.25	2020 -6.1 -0.8 0.50	2021 4.3 1.5 0.75	2022 4.6 2.8 1.25

USD/THB, year average Source: 2018-2020 data from BOT and CEIC; 2021-2022 forecasts by IMA Asia.

The above forecast is by IMA Asia. Companies seeking local advice and forecasts should contact:

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32.3

31.0

31.3

33.1

32.4

Few COVID-19 cases & vaccination is underway	Vietnam remains a leader in suppressing the Covid-19 pandemic, with only 2,572 cases and 35 deaths among its 98m people. A recent mild pick up was quickly reversed with average cases falling to 6/day in March from 23/day in February. International borders remain closed to most visitors, but domestic mobility has improved. Vaccination started in early March with AstraZeneca vaccines. There are plans to develop a locally produced vaccine by Q3'21 and acquire shots from Pfizer, Moderna, J&J, and Sputnik V. As foreign vaccine deliveries have been delayed, we don't expect herd immunity until H1'22.
Little need for stimulus good fiscal policy may bring a ratings upgrade	With COVID-19 effectively suppressed from Feb-20 and strong exports, Vietnam has not needed a big stimulus. Government revenue fell 14.7% last year and spending dropped 3.5% (a mild stimulus). This year the plan is for fiscal consolidation with revenues expected to fall 11.2% and spending down 3.4%. The IMF's latest <u>country report</u> outlines the country's export-driven success and the strengthening of its banking system and build-up of foreign reserves. Moody's has affirmed its <u>Ba3 credit rating</u> for Vietnam's government debt and lifted its outlook to Positive from Negative.
Political stability and pro-market policies continue	Political stability and pro-market reforms are expected to continue after the unexpected reappointment of party head Nguyen Phu Trong (76) to a third 5-year term. Age and poor health may stop him serving the whole term, but more time was needed for the party to agree on a successor. Trong is also good at dealing with China, which is essential given the traditional tension between the two neighbours and the massive supply chain for export manufacturing that links them together.

Outlook for the market

Raising our growth forecast as exports accelerate	2021 has started well for even stronger at 26.3% demands of the export s manufacturing was part (3.3%). Vietnam's expor global demand as the p for 2021 and 7.2% for 2	yoy reflecting as sector. GDP gre ly offset by slow rt-oriented econ andemic recede	a much strong ew 4.5%yoy in ver growth in c omy is well pla es. We have lif	local demand Q1'21, as a s construction (at aced to benefi fted our GDP g	as the compo trong 9.5%you 5.2%) and se t from a swift r	nent y rise in rvices rebound in
Watch for a better jobs market which should lift consumers	Vietnam's job market ha Q1'21, resulting in the lo earnings fell 0.5% in 20 contributed to slip in reta 4.4%yoy in Q3'20. A firr should help lift consume a decade average to 20	oss of 5m jobs f 20 after averagi ail sales growth ner job market s er demand by 6 ⁶	rom a pre-cov ng growth of 8 to 5.2%yoy in should emerge	id peak in Q4' 3.5%pa over 2 1 Q1'21 from 7 e in the next fe	19. Average r 015-19. That .3%yoy in Q4' w months, an	nonthly 20 and d that
A surge in FDI but a shortage of managers & skilled workers	We expect capex to gro 2020 from a fast 9.3%pr investment (FDI) surged FDI was up 2%ytd follow higher value-added acti exports such as mobile exports such as garmer managers and skilled w rely on a large continge	a expansion over d 72.3%ytd by F wing a 2% declin vities could be h phones & electra ths & footwear, h orkers. Chinese	er 2015-19. Re eb'21 after a 4 ne in 2020. Ho neld back by s rical products put companies e firms that ha	egistered manu 44.6% drop in owever, a desi kill shortages. have decisivel s find it increas ove relocated p	ufacturing fore 2020, while re red FDI shift to Capital intens y overtaken tr ingly difficult to oroduction to V	eign direct ealised owards ive aditional o hire /ietnam
A bit more inflation and a weaker dong	Rising inflation should le a rising US\$ over the la 2021 and 2022 as a sur	st month more t	han most curr	encies a drop		
GDP, real growth, % CPI, year-average, % Central bank refinance	cing rate, year-end, %	2018 7.1 3.5 6.25 22.602	2019 7.0 2.8 6.00 23.051	2020 2.9 3.2 4.00 23.208	2021 6.8 1.7 4.00 23.602	2022 7.2 5.5 5.75 24 084

Source: 2018-2020 data from the IMF and CEIC; 2021-2022 forecasts by IMA Asia

USD/VND, year average

22,602

23,208

23,051

24,084

23,602

India

Political & policy issues to watch

COVID-19 surges requiring more lockdowns	April is a critical month for India as it will either finish it with its recovery story intact or be weakened by a new wave of COVID-19. New cases have jumped from 15,837/day in January to above 150,000/day in April. Vaccination has started using two domestically made vaccines (one being AstraZeneca and the other indigenous) with some 3.5 million people a day receiving a shot and 7.6% of the 1.3bn population covered by the first week of April. Yet it is activity restrictions that must work in April if COVID-19 is to be contained.
India's funding challenge in 2021 for the government and for industry	GDP plunged 24.4% in last year's June quarter as a national lockdown was imposed. To help a recovery, the government lifted spending by 28.4% in FY20/21 (to March) while revenue fell 7.7% and the fiscal deficit doubled. Thanks to good work by the Reserve Bank of India (RBI), a record Rs13.5tr (US\$184bn or 7% of GDP) in borrowing – all local – went smoothly, with the 10-year bond yield finishing FY20/21 steady at 6.18%. Two challenges lie ahead. Borrowing in FY21/22 is put at a still high Rs12tr. That could crowd out private borrowers in a recovery and might trigger a downgrade to junk status for the government's bond. Second, banks have yet to reveal the damage done by a moratorium on loan repayments in 2020. They may have little capacity to fund a lift in growth in 2021.
Watch polls in Assam and West Bengal as the BJP's hold on India grows	Key elections are underway in four states and one union territory. Two polls are closely watched: Assam in the northeast, narrowly held by Narendra Modi's BJP, and West Bengal in the east, where Chief Minister Mamata Banerjee of the Trinamool Congress seeks a third term by stitching together an anti-BJP alliance. Wins in both for the BJP would confirm that it has pushed out of India's Hindu heartland into culturally distinctive regions with significant Muslim populations. Such victories may encourage Mr Modi to continue his reform push, including a firm stand against farmers protesting his agricultural reforms.

Outlook for the market

Optimism on a strong demand recovery	As demand has recovered, institutions have lifted their forecasts for FY22. Positive indicators to March included six months of strong passenger vehicle sales and four months of strong GST collections. As a result, the RBI has raised its GDP forecast to 10.5%, the World Bank lifted its to 10.1% (prior 5.5%), and the OECD lifted its to 12.6% (prior 7.9%). However, the key uncertainty is the June quarter when we expect a strong rebound from the -24.4% in the same quarter last year. Renewed lockdowns from late March could undermine that forecast.
lifting manufacturing	The manufacturing PMI eased to a 7-month low of 55.4 in March, although that was still above the long-run average, thanks to firm orders and production gains. Manufacturing measured on the industrial production index recovered with 1.5% yoy growth in the December 2020 quarter after a 17.5% ytd fall in the previous one. This year, we expect growth of 10.5% followed by 7% in 2022, compared to a decade average of 3.7% pa.
helped by a consumer lift from late 2020	Passenger car sales rebounded by 11.7%yoy in H2 of calendar 2020 followed by 14.5%yoy for the first two months of 2021 while 2-wheeler sales lifted by 6.4%yoy in H2'20 and then 8.4%yoy for Jan-Feb'21, pointing to a broad consumer recovery. We expect consumer demand growth of 10-12% this year and 5-6% in 2022 after a 9.1% fall in 2020.
Mild inflation and a weaker rupee	Inflation rose to 5% yoy in Feb'21 but remains within the RBI's 2-6% target band. While it may briefly move above the band, the RBI will try to avoid a lift in its policy rate from the current 4% pa well into 2022. Alongside other Asia currencies, the rupee climbed on a weaker USD from May'20 to Jan'21 but has since eased on a recovering USD. That should continue through 2022 as global capital returns to a strong US economy.

Fiscal year starting 1 April	2017-18	2018-19	2019-20	2020-21	2021-22
GDP mp (FY12 series), real growth, %	7.0	6.1	4.2	-7.5	10.5
Inflation - CPI, yr avg (FY12 series), %	3.6	3.4	4.5	7.5	5.5
RBI lending (repo) rate, yr-end, %	6.00	6.25	4.40	4.00	4.00
Rupee to US\$1, RBI Ref Rate, yr-end	65.0	68.6	75.4	72.4	76.0
Sources: 2018-2020 data from the government (NCI, RBI) and	CEIC. 2021-2022	are forecasts.			

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Political & policy issues to watch

COVID-19 is suppressed but a slow vaccine rollout	Fast action by state premiers in suppressing COVID-19 has cut new cases to 12/day since October (mostly returning travellers in quarantine). That has allowed schools and many businesses to operate mostly as normal over the last 6-9 months. Vaccination using Pfizer and AstraZeneca shots started in February but has moved slowly as the EU blocked shipments to Australia (justified by Australia's effective suppression of COVID-19). At the end of March, 1% of the 26m population had received at least one dose. Australia was banking on local production of the AstraZeneca vaccine for most inoculations but that is now in doubt due to concerns over blood clotting.
A strong upturn should preserve the AAA credit rating	Meanwhile, the federal government rolled out a massive stimulus to cushion households and businesses. By December, federal spending was 25% above Q4'19 with A\$150bn of a promised A\$250bn (US\$173bn or 12.4% of GDP) stimulus spent. Most of the remainder went in Q1'21 under the JobKeeper subsidy, which flowed to 1.5m workers, lowering unemployment to 6.4% in January from 7.5% in mid-2020. The wage subsidy ended in March, and Q2'21 may see softer consumer demand as a result. So far, Australia has kept its coveted AAA credit rating by Moody's, S&P, and Fitch (one of only 11 countries with a top rating from all three). A downgrade is possible this year as the budget deficit jumps to 9-10% of GDP, but that is seen as an acceptable cost for countering COVID-19.
Government stumbles	Despite a good stimulus, support for PM Morrison's LNP government is sliding as its ministers and MPs are caught in an endless series of sexual antics and misogynistic behaviour. That may close off the opportunity for an early election in Q4'21 (one must be held by 3 Sept'22). Morrison's inept management of <u>relations with China</u> has cost food, wine, and coal exporters dearly. While the US and some European allies have recently backed Australia, that may further the deterioration in relations with China.

Outlook for the market

Global economic upswing to keep Australian recovery on truck	A swift H2'20 recovery saw Q2'20. 2021 has started v and exports surging 30%y Australian exporters. In pa all destinations and soarin global recovery is helping for the first two months as forecasts to 4.8% (from 4.3)	vell with low une oy in Jan-Feb (L art, China can't c g 95%yoy for Ja replace lost ship local demand re	mployment, re JS\$ basis) des lo without Aus n-Feb off the ments to Chir wived. We ha	etail sales up 9 spite China's e stralian iron or collapse in Fe na. Imports a ave lifted our 2	9.1%yoy in Ja efforts to punis e (up 21% in 2 b'20). In part, lso jumped by	n-Feb, sh 2020 to a broad 16%yoy
A strong job rebound lifts consumer confidence	We expect consumer dem A firm jobs market (online housing market should cus Consumer confidence reco surging to a 10-year high 2	job ads via SEE shion the negativ overed from late	K were up 12. ve impact of e 2020 with the	4%yoy in Feb nding JobKee Westpac con	ruary) plus a s per in March.	strong
Capex growth resumes after falling for two years	Fixed investment is set to grow 3.8% in 2021 and 3.5% in 2020 after posting declines of 3% in 2020 and 2.4% in 2019. Public works, business investment and residential construction will lead the capex upturn. The NAB business survey shows business confidence climbing to its highest level since early 2010 (to 16 in Feb from 12 in Jan and 6 in Dec), while housing approvals (units) grew 19.7% yoy in Jan-Feb and 19.8% yoy in Q4'20.					
Higher inflation and a weaker A\$	Ignoring the swift economi current 0.01% until the lab A\$ stalled after surging 25 should weaken the A\$ to 7	our market tighte % on the US\$ fr	ens enough to om March 202	lift inflation a 20. An emergi	nd wage grow ng US\$ broad	th. The uptrend
Year ending December 31		2018	2019	2020	2021	2022
GDP, real growth, %		2.8	1.9	-2.4	4.8	3.4
CPI, year average, 9		1.9	1.6	0.9	1.9	3.2
RBA cash rate, year		1.50	0.75	0.01	0.01	1.51
USD/AUD, year ave	0	1.34	1.44	1.45	1.37	1.42
AUD/USD, year average		0.75	0.70	0.69	0.73	0.70

Source: 2018-2020 data from the ABS, RBA and CEIC; 2021-2022 forecasts by IMA Asia

Headlines Bottomlines

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Political & policy issues to watch

Covid-free and vaccination to finish this year	A remote location and strict lockdowns helped NZ to limit COVID-19 cases to 2,482 and deaths to 26 among its 5.1m population. Mobility has been mostly restored, with a March 23 Google report showing retail & recreation 2% above pre-covid levels, workplaces 5% above, but public transport 24% below, as borders remain closed to tourists and other visitors. Except for a travel bubble with Australia, opening borders to international visitors is unlikely for the rest of this year. Vaccinations started on February 20. NZ has secured 10m covid Pfizer-BioNTech vaccines to immunise its entire population by the end of this year.
Limited fiscal stimulus leading to a credit rating lift	In mid-March, the government announced a NZ\$31bn (US\$22.4bn) transport infrastructure program for Auckland, NZ's largest city, to be rolled out over the next ten years. This is on top of the NZ\$61.2bn (19.2% of GDP) fiscal stimulus for the period to FY2024-25 announced last year. Successful suppression of COVID-19 means that some of the stimulus funds will not be spent. This prompted S&P to upgrade its NZ credit rating to AA+ for foreign currency debt from AA.
New measures to cool NZ's runaway housing market	NZ housing has become the OECD's least affordable after home prices shot up 22.8%yoy in February and 90% over the past decade. Record high homelessness has forced the government to announce a raft of new measures designed to cool the runaway residential market. These include tighter lending rules for house purchases, investors will need to hold a property for 10 instead of 5 years to avoid paying tax, investors will no longer be able to offset interest on mortgages as an expense against rental income for tax purposes, income caps for first-time homebuyers eligible for government financial assistance for will be raised, and the construction of public housing will accelerate with a new NZ\$3.8bn (US\$2.7bn) fund.

Outlook for the market

Strong local demand boost imports which trims GDP growth	NZ's economic recovery lost steam in Q4'20 with GDP growth easing to 1.2%yoy from 3.1% in Q3'20 following a 9.2% fall in Q2'20. The slower pace reflects reduced contribution from external demand, as a previously large growth gap between export and import volumes vanished in Q4'20. The realignment of external and domestic demand spilled over into early 2021 with the growth of imports overtaking that of exports (10.5%yoy vs 0.6%yoy in Jan-Feb, US\$ basis). This reduced the annual trade surplus to US\$1.3bn in Feb from a US\$2bn multi-year high in Nov 2020. Fast rising imports in response to stronger domestic demand should limit 2021 GDP growth to 4.2% (prior 4.5%). For 2022, we expect GDP to grow 3.6% (prior 3.4%).					
Migration halt to weaken consumer growth construction & businesses drive capex up	Private consumption fell 1.8 households offset a nationa from late April to early June in 2019 and delivered 1.4% eased to 105.2 in Q1'21 fro Q3'20. We expect consume the 4.7%pa pace of 2015-1 mostly absent in 2021-22. 7.5% decline in 2020. Hous 6% in 2021 and 4% in 2022 business investment intenti	al lockdown the method the stimulu employment of 106.0 in Q er real growth 9. The latter The 4.5%pa c sing construct 2. Housing ap	nat started in la us limited uner t growth. The V 4'20 but staye of 3.7% this y was boosted b capex expansi- tion and busin pprovals (units	ate March 202 nployment to 4 Westpac cons d well above to year and 3.5% by large migration on of 2015-19 ess investmer b) were up 17.	20 and was pha 4.6% in 2020 fi umer confiden the recent 95.1 in 2022, slow nt inflows whic gave way to a should lift ca 1%yoy in Q4'2	ased out rom 4.1% ce index I low of er than h will be a steep pex by
The NZ\$ upswing is over	The recovering NZ econom monetary policy on hold. Th 2022 (year-average) from t	his should not	t prevent the N	VZ\$ from slidir	ng to 66 US ce	nts in
Calendar years		2018	2019	2020	2021	2022
GDP(Expenditure), re	eal growth, %	4.3	3.0	-1.2	4.2	3.6
GDP(Production), rea	al growth, %	3.4	2.4	-3.0	4.5	3.4
CPI, year average, %		1.6	1.6	1.7	1.7	1.8
Official cash rate, yea		1.75	1.00	0.25	0.25	0.50
NZD/USD, year average		0.69	0.66	0.65	0.67	0.66
USD/NZD, year avera	•	1.44	1.52	1.54	1.49	1.52
AUD/NZD, year average		1.08	1.05	1.07	1.07	1.12
Source: 2018-2020 data fro	m Statistics NZ and NZRB; 2021-202	22 forecasts by IN	MA Asia			

Source: 2018-2020 data from Statistics NZ and NZRB; 2021-2022 forecasts by IMA Asia

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The Asia Pacific Executive Brief is produced by a unique network of in-country experts who run briefing and advisory programs that are designed to help senior executives monitor and anticipate critical business developments through timely insights and analysis. Further information on the markets and the peer group briefing programs is available from the Country Directors listed below.

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