CBRE RESEARCH | APAC

REAL ESTATE MARKET OUTLOOK 2020

CBRE

HANOI Tuesday, 7 January 2020



HANOI RETAIL SECTOR	02
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ASIA PACIFIC REAL ESTATE MARKET OUTLOOK 2020 | [COUNTRY]

HANOI Office Market

ASIA PACIFIC REAL ESTATE MARKET OUTLOOK 2020 | [COUNTRY]

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LOOKING BACK TO THE LAST 10 YEARS



LOOKING BACK TO THE LAST 10 YEARS





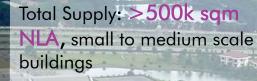


CBD is major supply hub



The West dominates the supply

Images retrieved from the internet



Lacking awareness of sharing economy & flexible workspace



Total Supply: Nearly reach1.4 mil sqm NLA, larger-scale projects

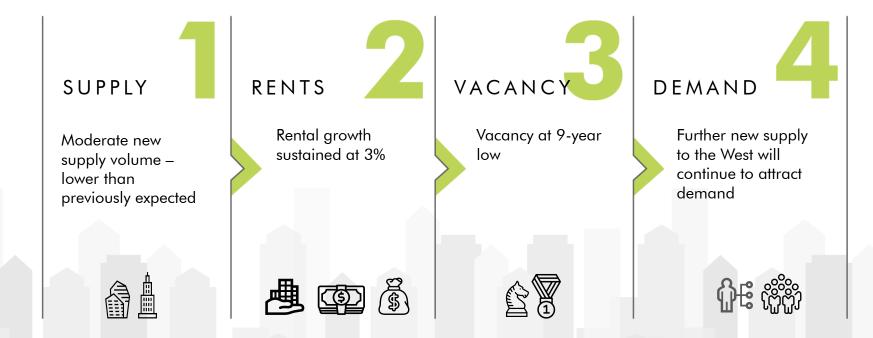
early am NLA, Works iects

Emergence of **Flexible** Workspace



2010

2019 KEY STORIES



OFFICE - MARKET SNAPSHOT IN 2019

POSITIVE MARKET PERFORMANCE AMID STRONGER NEW SUPPLY VOLUME



(*) Asking rent exclude service charge and VAT. (**) including both area from new projects and expansion of existing projects Source: CBRE Vietnam

GROWTH IN SUPPLY ACCELERATED BUT UNDER CONTROL

MODERATE NEW SUPPLY VOLUME – LOWER THAN PREVIOUSLY EXPECTED

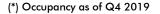
Hanoi Office Supply, NLA sqm, 2010 - 2019

Supply growth 2019: 7% > CAGR (2017-2019): 5%



Hanoi Office, Notable New Openings in 2019

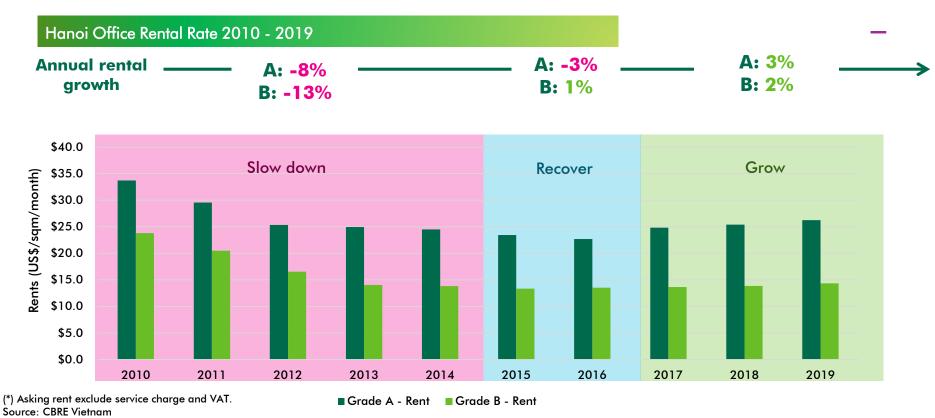




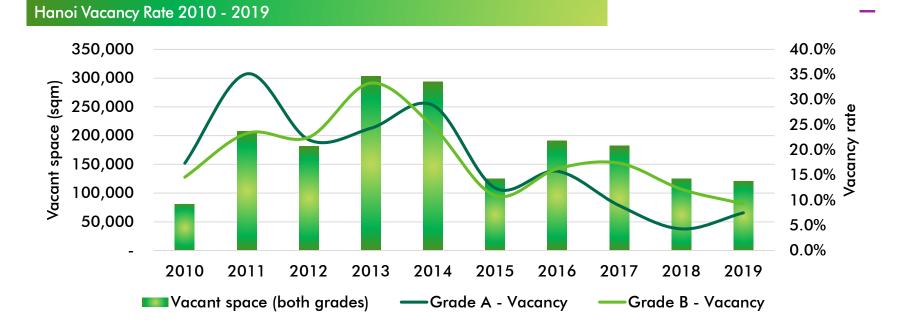
Bamboo Airways Tower NLA: 8,640 sqm Opened in: Q1 19 Occ. (*): ~100%

Source: CBRE Vietnam

RENTS HAVE BEEN GROWING FOR THREE CONSECUTIVE YEARS

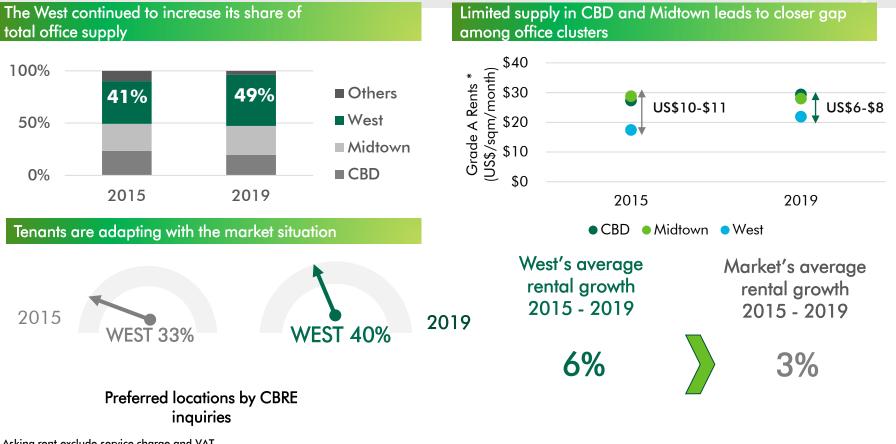


VACANCY AT 9-YEAR LOW



Source: CBRE Vietnam

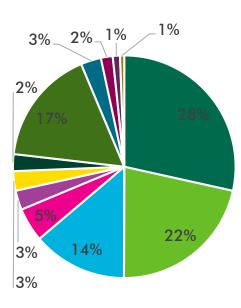
FURTHER NEW SUPPLY TO THE WEST WILL CONTINUE TO ATTRACT DEMAND



Tech & Flexi Space driving the Demand

DIVERSE DEMAND FROM TRADITIONAL SECTORS AND EMERGING INDUSTRIES

Major leasing transactions by industries, 2019 (recorded by CBRE)



Source: CBRE Vietnam

Traditional Sectors (75%)

- IT/Tech
- Manufacturing
- Banking/Finance/Insurance
- Energy
- Media
- Trading
- Real Estate/Construction
- Flexible workspace
- Travel
- Fintech
- Healthcare
- Logistics

New Sectors (25%)

Record Growth in Vietnamese IT Industry

OPEN GOV

Fintech has huge opportunities in VN: experts

Update: October, 08/2019 - 08:45



Vietnamese international outbound travel boom

by Loc Truong 🕴 July 16, 2018



BOOM OF IT/TECH: TECH FIRMS BUILT THEIR OWN OFFICE BUILDINGS TO MEET THEIR NEEDS OF RAPID EXPANSION

Ung

VNG Campus – Tan Thuan Industrial Park – D.7, HCMC Land Area: >40,000 sqm

Source: CBRE Vietnam



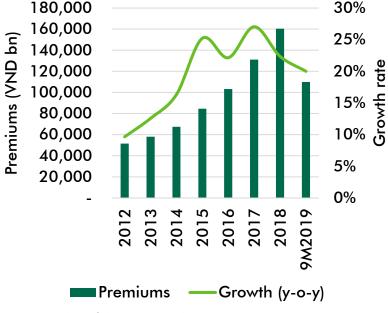
CMC Creative Space – Tan Thuan Industrial Park – D.7, HCMC Land Area: >13,000 sqm



Viettel Headquarter – Cau Giay NUA, Hanoi GFA: >40,000 sqm

BANKING/FINANCE AND INSURANCE: GROWTH OF THE INDUSTRY LEADS TO STRONG EXPANSION

Vietnam Insurance Industry, annual premiums



Vietnam's banking sector becomes more attractive to investors

NOV 16, 2019 / 15:01

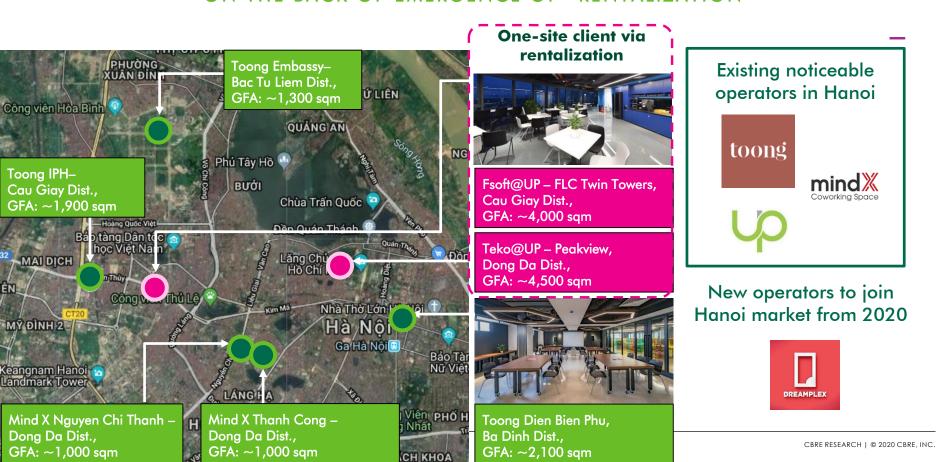


List of major banking/finance and insurance office leasing transaction in Hanoi in 2019 (recorded by CBRE)

Location	Size (sqm)	Origin	Industry
CBD	1,000	Vietnam	Bank
West	1,100	Foreign	Insurance
West	1,300	Foreign	Insurance
Midtown	1,300	Foreign	Insurance
Midtown	1,500	Foreign	Finance company
Midtown	4,000	Vietnam	Bank

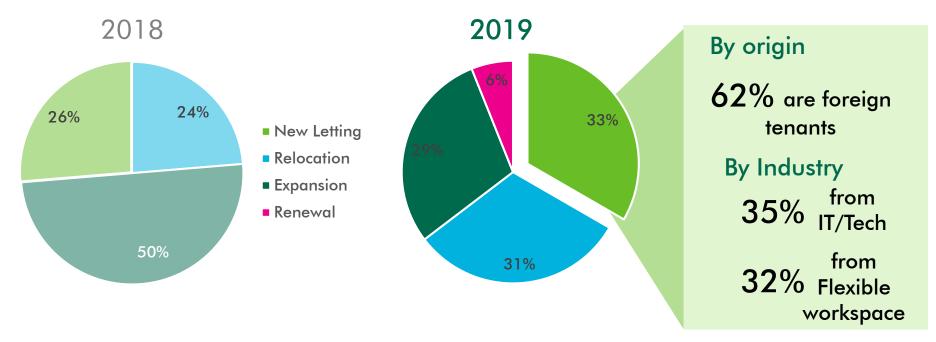
Source: Ministry of Finance, CBRE Vietnam

FLEXIBLE OFFICE: LOCAL OPERATORS STRONGLY EXPANDING ON THE BACK OF EMERGENCE OF "RENTALIZATION"



NEW LETTINGS ON THE RISE IN 2019





Source: CBRE Research.

HEAD LEASE – TO – SUBLEASE: MORE OPTIONS FOR TENANTS



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District 2, HCMC

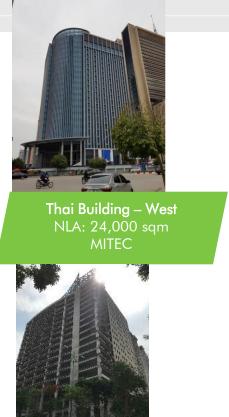
>290,000 SQM NLA FROM 9 PROJECTS TO OPEN BY 2022



Hanoi Office, Notable New Supply, 2020



Capital Place – Midtown NLA: 92,000 sqm Capitaland - MEA

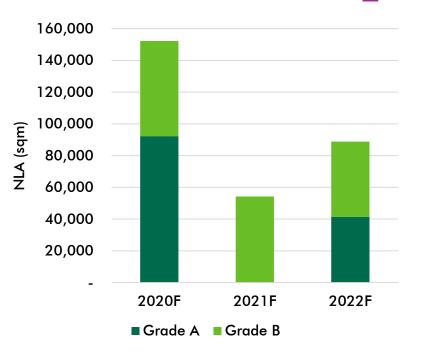


BRG Grand Plaza- Midtown NLA: 34,000 sqm

BRG

MARKET OUTLOOK

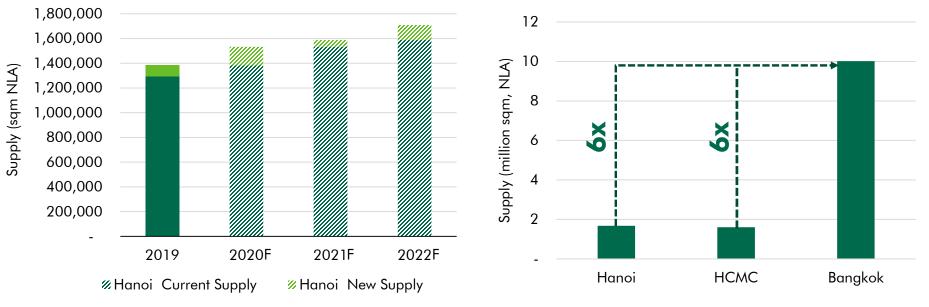
AWAITING LARGE-SCALE PROJECTS



SUPPLY TO REACH OVER 1.6 MILLION SQM NLA BY 2022F IN HANOI AND HCMC EACH

Hanoi Office, Supply Forecast, 2020F – 2022F

Supply Forecast by 2022F, Regional Comparison



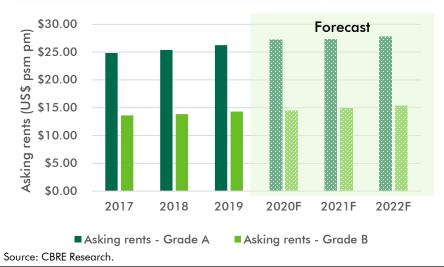
Source: CBRE Research.

MARKET OUTLOOK

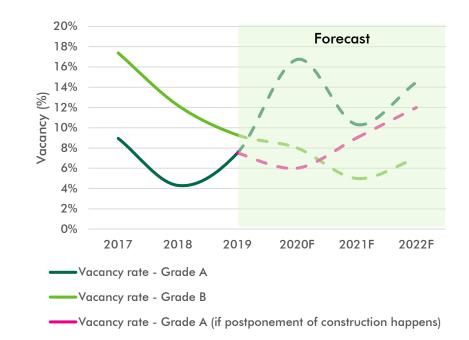
LIMITED RENTAL GROWTH AT EXISTING PROJECTS, WHILE NEW PROJECTS TO ASK HIGHER RENTAL LEVELS

Rental Forecast, Hanoi Office

CAGR (2019 – 2022F)	Hanoi	нсмс
Grade A	3%	5%
Grade B	2%	8%



Vacancy Forecast, Hanoi Office



MARKET OUTLOOK



Further supply in the West will continue to attract demand although competition remains strong across clusters

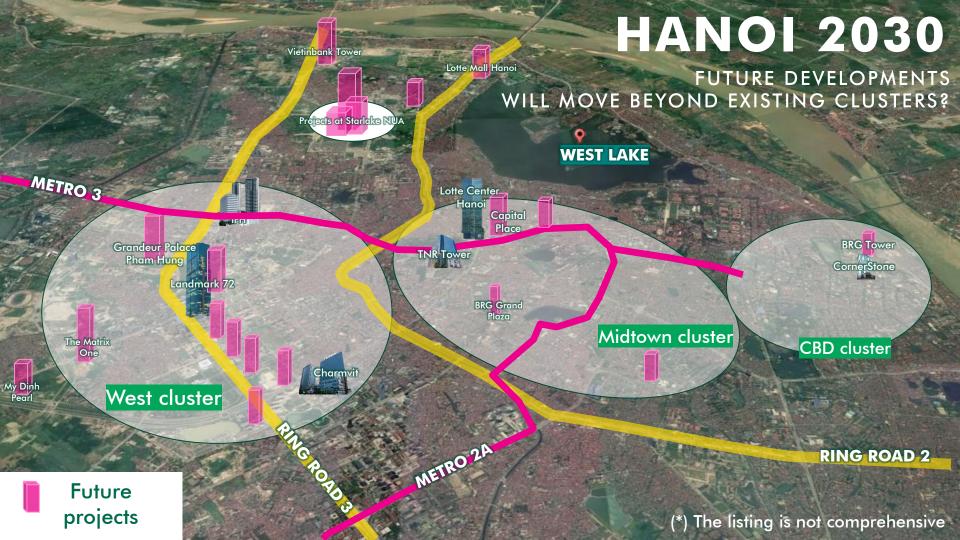
Hanoi office supply to increase by **21%** by 2022

Rents of both grades continue to increase by 2% - 3% y-o-y

Hanoi, though, is a market in favor of tenants



IT/Tech and Flexible office to remain demand drivers



HANOI Retail Market

CBRE RESEARCH | © 2020 CBRE, INC.

2010

A

20





Foreign developers

mited retail formats

INDO



Traditional retail dominated

Largest project at 30,000 sqm



Modern Retail space up by <mark>5.5x</mark>

Large-scale projects from 100,000+ sqm Local developers gaining foothold Retail formats constantly adapting Retailers specialize in one industry



Retailers expand to different industries to gain market share

Investment in Retail real estate remained at an early stage

Vietnam market opening up International franchise taking the stage

International players facing legal barriers

Competition driven by M&A

2019

Local franchises

go global

TIOS-

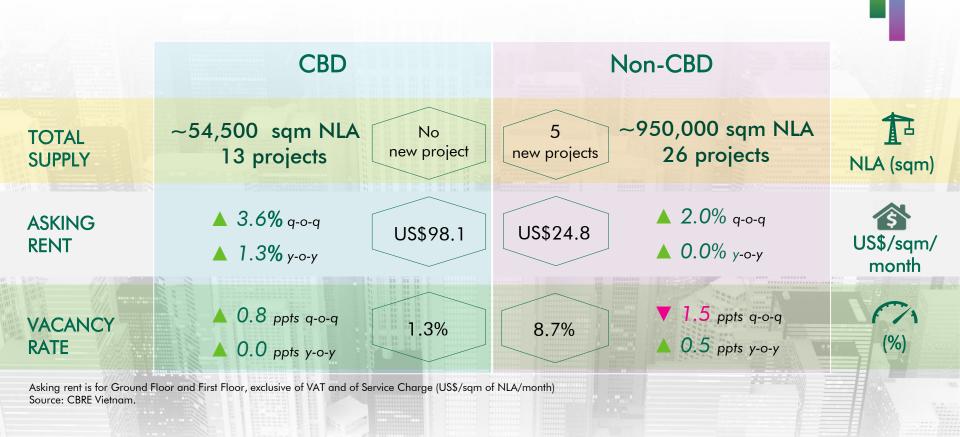
Signing **CPTPP**

ENT to loosen up

2019 KEY STORIES



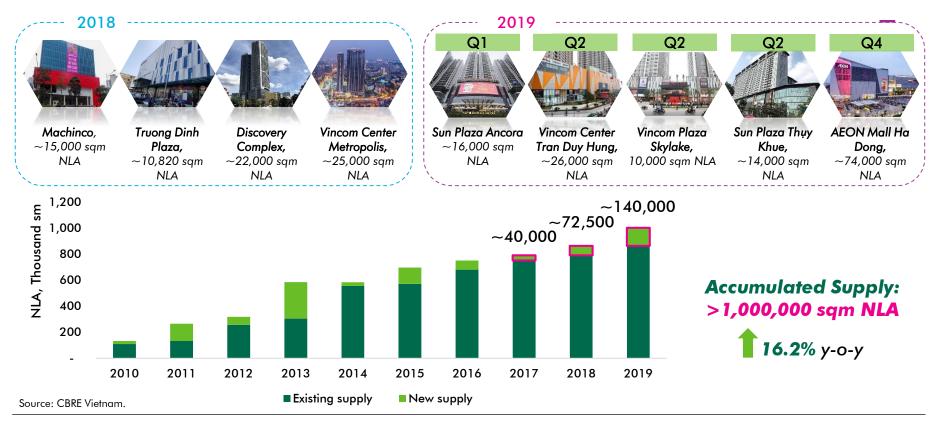
MARKET SNAPSHOT 2019



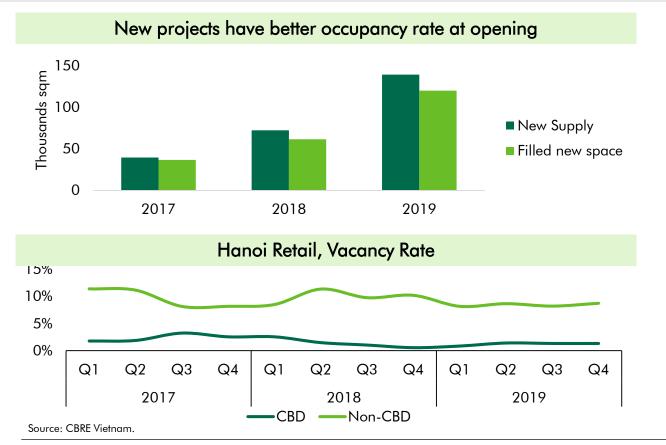
NEW TENANTS IN 2019: HANOI CATCHING UP WITH HCMC, BRANDS MAINLY FROM APAC



HANOI TOTAL RETAIL SUPPLY HIT THE 1,000,000 SQM MILESTONE



HIGHEST ANNUAL NEW SUPPLY SINCE 2013, BUT ABSORPTION RATE STILL CATCHING UP



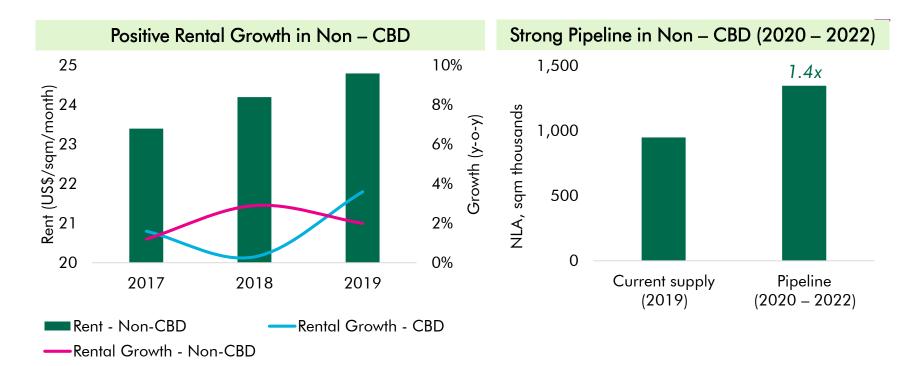
Aeon Mall Ha Dong Anchor tenants: Kohnan Japan, tiNiWorld, Dream Kids



Vincom Center Tran Duy Hung Anchor tenants: OVS, Paik's, tiNiWorld

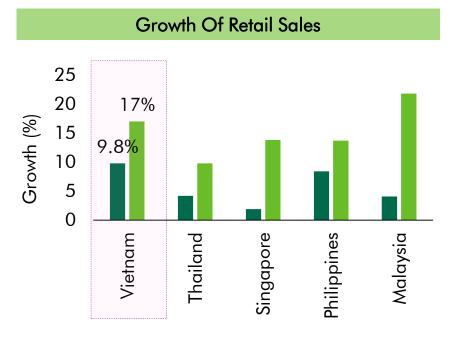
Anchor tenant: tenant with at least 1,000sqm rent area

POSITIVE RENTAL GROWTH IN NON-CBD DESPITE LARGE SUPPLY PIPELINE



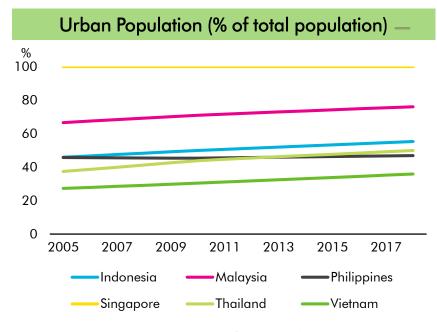
Asking rent is for Ground Floor and First Floor, exclusive of VAT and of Service Charge (US\$/sqm of NLA/month) Source: CBRE Vietnam.

STRONG DEMAND FOR MODERN RETAIL



■ 2018-2023 Store based ■ 2018-2023 Non-Store based

Modern Retail includes supermarket, hypermarket, convenience store & online retail. Source: Euromonitor



Increasing urbanization to support continued economic growth

STRONG GROWTH ALSO SEEN ONLINE

E-commerce platform on Promotion dates 149% 97% 67% 61% 34% 30% 10.10 **Black Friday** 12.12

- Growth of traffic vs. normal date
- Growth of revenue vs. normal date

Source: Decision Lab, Criteo, ForbesVietnam News retrieved on 12/24/2019

How much promotion is "too much"?



Friday

so liệu tong nợp qua 24 giơ trong Ngay mua sam trực tuyến Online Friday 2019 của Ban tổ chức cho thấy lượng đơn hàng đã đạt trên 3 triệu, tăng 67% so với năm 2018.



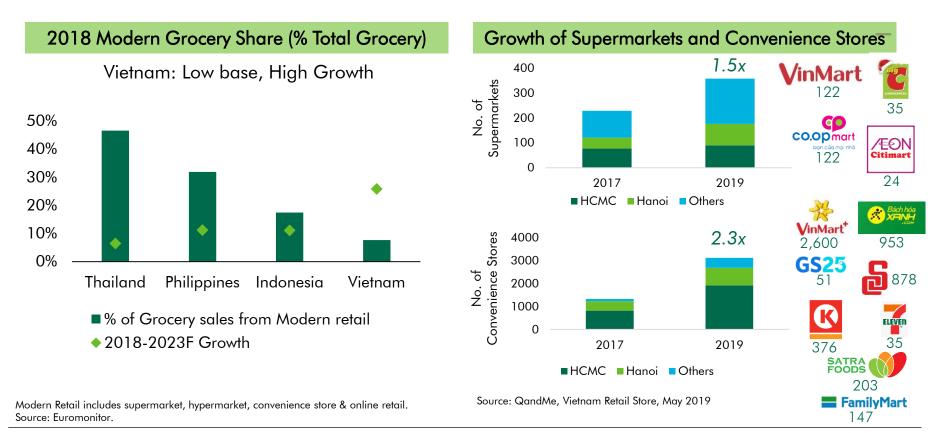
© 1.109 luot xem

🖬 Like 34 Share

😔 0 thảo luân

Theo Cục Thương mại điện từ và Kinh tế số (Bộ Công Thương), cũng là Ban lỗ chức sự kiện Online Friday ngày 6-12-2019, ngày hội mua sắm trực tuyến lớn nhất trong năm tại Việt Nam đã nhận được nhiều phản hồi tích cục của người tiêu dùng và các doanh nghiệp.

FAVORITE CATEGORIES IN MODERN RETAIL



THE NEXT WAVE OF TRENDS

Australian fashion brand Cotton On



comes to Vietnam



Japan's Stripe International acquires Vietnamese shoe brand

gago LIBÉ MONO

K co≡Do

KELLYBU

HNOSS

Designers' house: from shophouses to malls

nippon.com

1st Uniqlo Store in Vietnam Opens



Japan's Advantage Partners acquires Vietnamese fashion chain Elise

KPRESS

Uniqlo to launch first Hanoi store next year





Cotton On to launch its first Hanoi store in December 2019



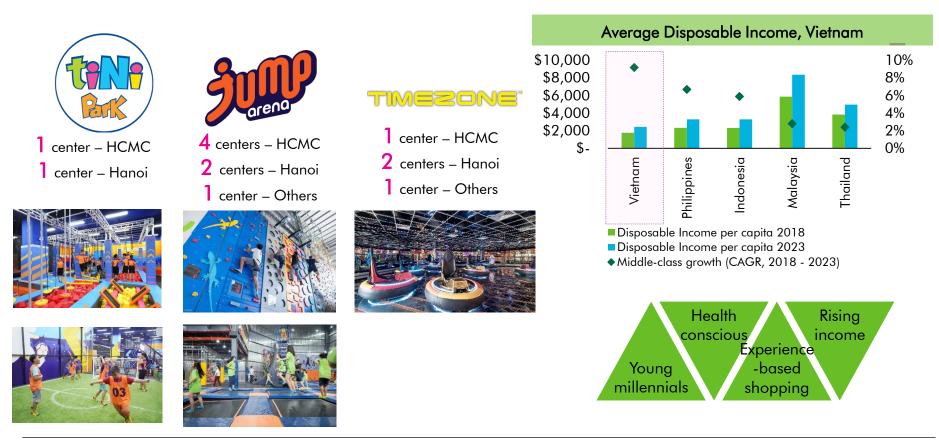
HOIVU



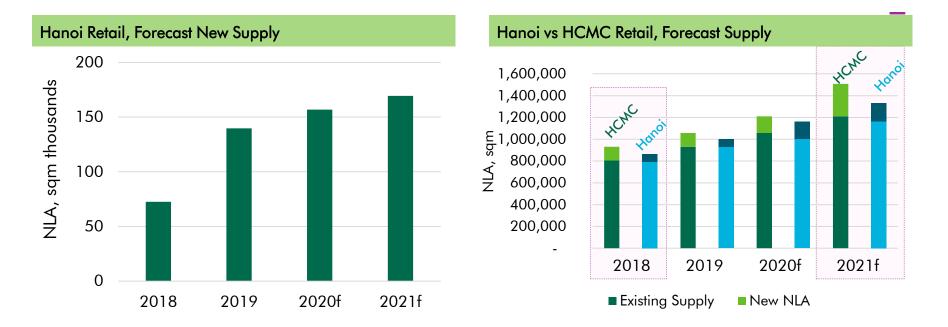
Source: Cafef, VIRAC

COUPLE TX°

ENTERTAINMENT IN SHOPPING MALLS: FUN AND ACTIVITIES FOR ALL AGES



2020 HANOI SUPPLY PIPELINE: MORE THAN 150,000 SQM TO COME ONLINE



Source: CBRE Research.

REGIONAL MALLS TO DOMINATE FUTURE SUPPLY (2020F – 2022F)

	No.	Future Supply	Year
TAY TUU	1	FLC Twin Towers (~14,000 sqm NLA)	2020
NHÔN Chùa Trấn Quốc 🤤 NGOC THUY VIỆT HUNG QLIA	2	Hinode City (~30,000 sqm NLA)	2020
228 6 JCH 1 Lăng Chủ tịch :2 Hồ Chí Minh T Nhà Thờ Lớn Hà Nội	3	Vincom Megamall Ocean Park (~39,500 sqm NLA)	2020
Keangnam Hanoi a Hanoi Hanoi Alanoi Hanoi Alanoi Al	4	Vincom Megamall Smart City (49,000 sqn NLA)	2020
TRUNG HOA KHU ĐÔ THI ROYALICITY BÁCH KHOZ 2 TT. TRÂU QUÝ DT179 TUÔNG XĂ	5	The Village (Park City) (~12,000 sqm NLA)	2020
DT72 DT70A VINHOMES THANH TRI DONG DU QL5B	6	The Zei (~10,000 sqm NLA)	2021
DUONG NOI VAN PHÚC AH13 7 9 CT20 HANOI	7	The Manor Central Park (~70,500 sqm NLA)	2021
5 NOTRUNG KHU ĐÔ THỊ XA LÀ	8	Lotte Mall (~72,000 sqm NLA)	2022
Regional Malls	9	Aeon Hoang Mai	2022

FUTURE PIPELINE 2020-2021

HCMC and Hanoi to lead South East Asia in terms Vietnam Rental rates are on the Growth trend of new supply in next two years Kuala Lumpur Jakarta HCMC Bangkok Ho Chi Minh City Bangkok Singapore Hanoi Hanoi Kuala Lumpur Singapore Jakarta **Decline Accelerating** Decline Slowing Growth Accelerating Growth Slowing 1,000 2,000 3,000 4,000 5,000 6,000 0 NLA ('000 sq. ft.)

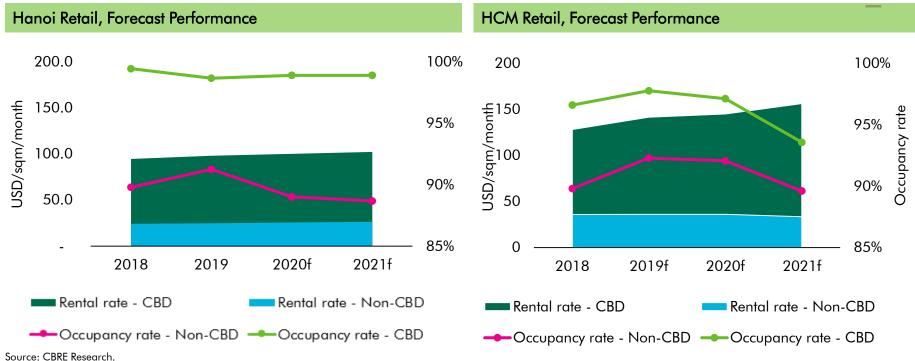
ASIA PACIFIC REAL ESTATE MARKET OUTLOOK 2020 | [Vietnam]

Source: CBRF Research

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42

HEALTHY OCCUPANCY GOING FORWARDS



Rent is average for Ground Floor and First Floor, exl. Of VAT and service charge.



Shopping centers to focus on young spenders and middle class and provide more experience-based shopping

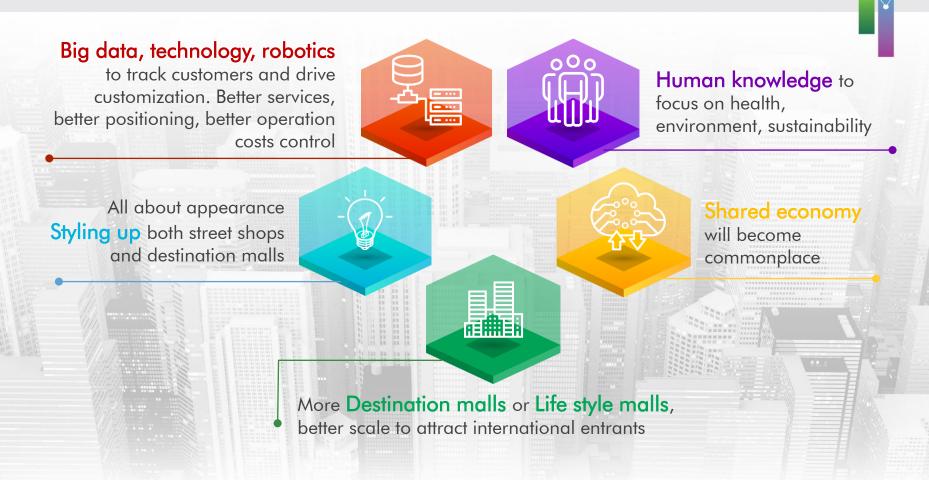
Large retail formats to dominate future pipeline in the next 3 years

Rents in non-CBD are expected to remain quite stable while **vacancy** will undergo certain adjustments following large future pipeline



Spread of modern shopping across locations

2030 OUTLOOK



HANOI Residential Market

 LUXURY:
 > US\$4,000 psm

 HIGH END:
 US\$2,000 - 4,000 psm

 MID END:
 US\$1,000 - 2,000 psm

 AFFORDABLE:
 < US\$1,000 psm</td>

 (Not incl. VAT)



(Murierr)





Population 6.6 million ppl



Landed house (*) **20,209** units



Condominium (*) 73,000 units

2010

(*) Accumulated Supply

Internet



Indochina Plaza Hanoi

(WEST)

-

Vinh Tuy Bridge (SOUTH)

CBD MIDTO



maa

net

ndmark 72

Vinh Tuy Bridge

maa

rnet



Population 8.1 million ppl



Landed house (*) 45,988 Units



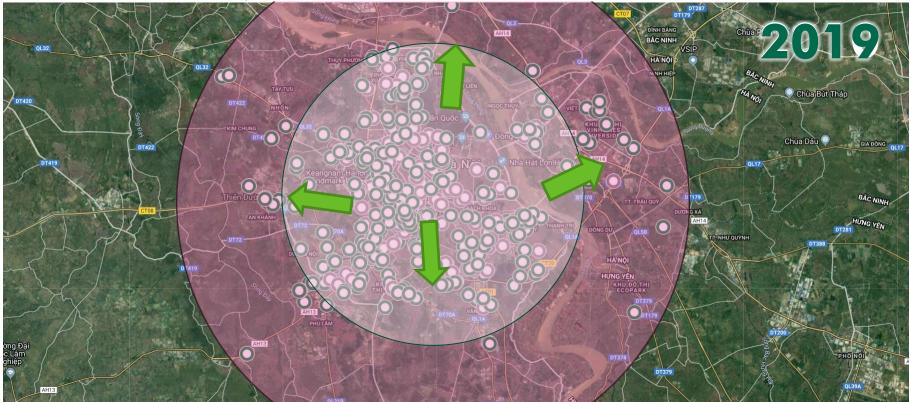
Condominium (*) **304,000** units

2019

(*) Accumulated Supply

HANOI RESIDENTIAL MARKET - A DECADE OF DEVELOPMENT

LARGER IN SCALE, EXPANDING STRONGLY TO THE WEST AND GRADUALLY EAST



Source: CBRE Vietnam

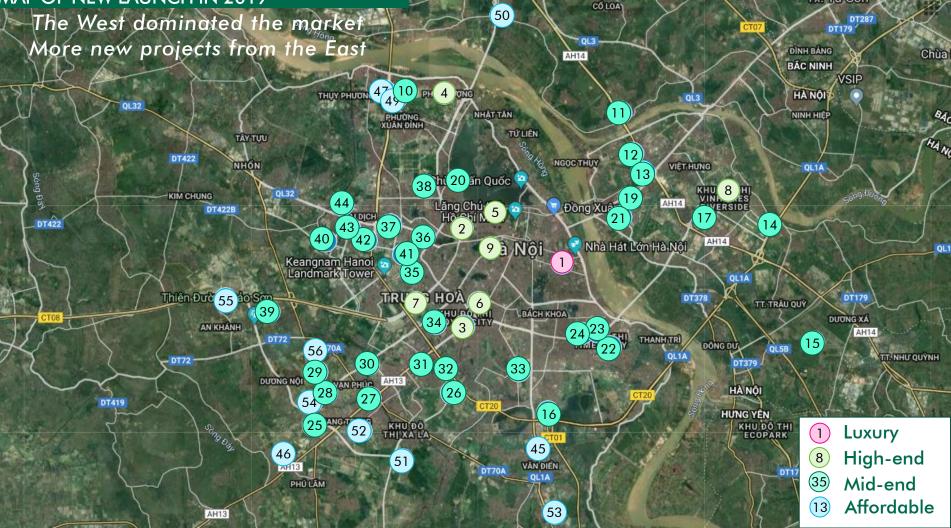
2019 KEY STORIES



New supply at a record high

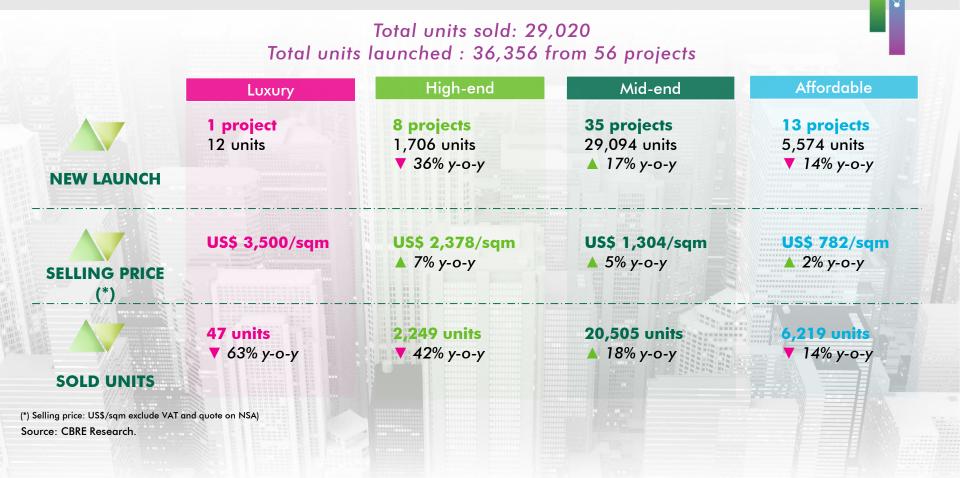
Image: Zing.vn

MAP OF NEW LAUNCH IN 2019



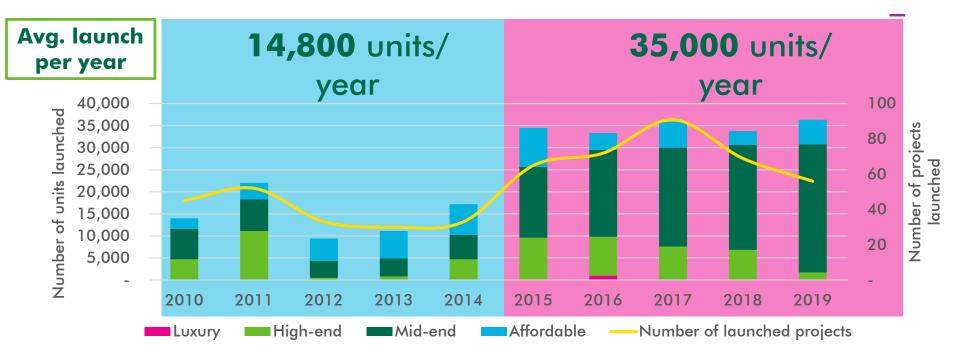
x. IurSon

MARKET SNAPSHOT 2019



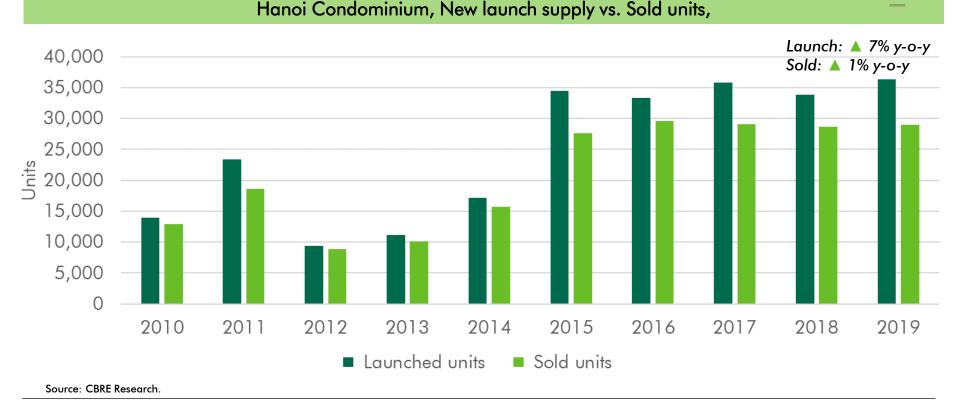
NEW SUPPLY AT RECORD HIGH IN 2019

DUE TO LAUNCH FROM MEGA PROJECTS



Source: CBRE Vietnam

MEGA LAUNCH FROM MID-END PROJECTS TEMPORARILY ENLARGES NEW LAUNCH AND SOLD UNIT GAP

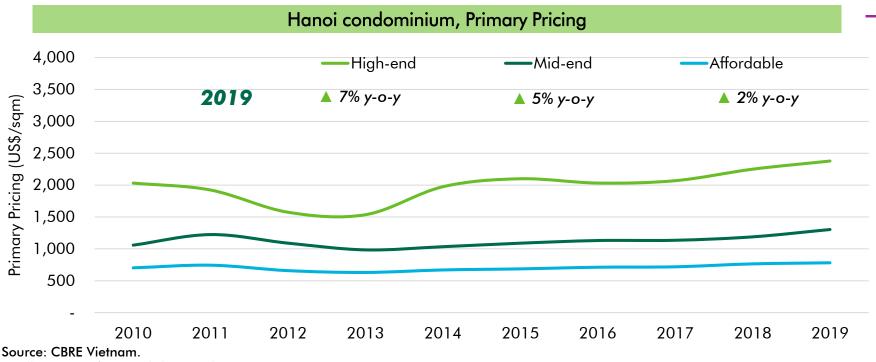


Setting of Market States of Market Pricing

Level

Zing.vn

PRIMARY PRICING OF HIGH-END SEGMENT REACHED A NEW HIGH



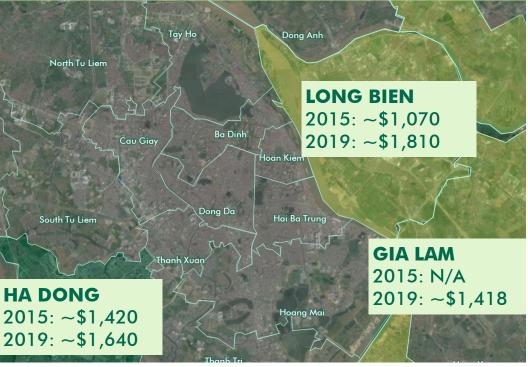
(*) Selling price: US\$/sqm (exclude VAT and quote on NSA)

PROJECTS IN TOWNSHIPS SET NEW PRICING LEVELS TO DECENTRALIZED LOCATIONS

Highest pricing levels 2015 vs 2019 (**)



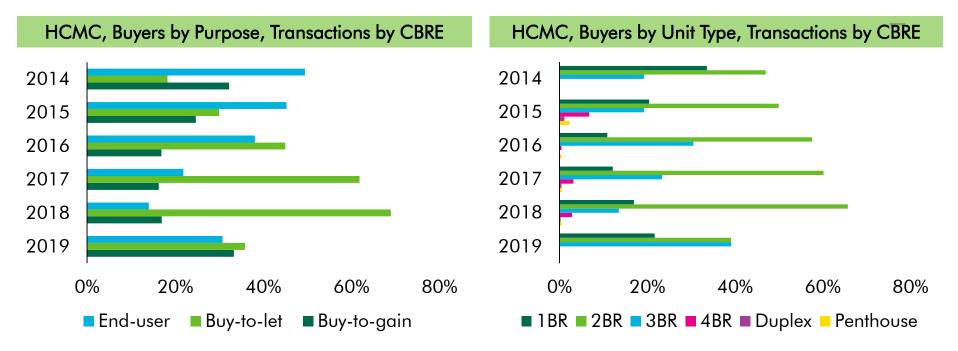




Source: CBRE Vietnam. (*) Selling price: US\$/sqm (exclude VAT and quote on NSA) (**) Average pricing of projects recorded the highest price in districts

ASIA PACIFIC REAL ESTATE MARKE

BUYERS PROFILE BY CBRE'S TRANSACTIONS



(*) Note: The analysis above is based on CBRE Vietnam's residential closed deals and should not be used as a marketwise benchmark Source: CBRE Research.

HOME MORTGAGE LOAN BECOMES MORE POPULAR

VNEXPRESS

More and more Vietnamese use home mortgage loans

Remaining challenges

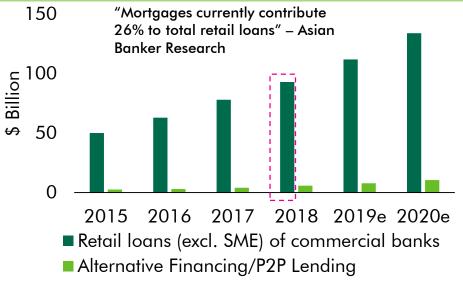
Bất động sản

Home buyers in fear of interest rate hike

VIETNAM INSIDER

State Bank of Vietnam tightens lending for real-estate sector

Vietnam - Size Of The Retail Financial Services Industry



*Source: Asian Banker Research

WHILE FOREIGN INVESTORS ALSO ACTIVELY SEEKING OPPORTUNITIES



KB Financial Group Research Institute

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INNOVATIVE MARKETING CAMPAIGNS INTRODUCED

Vingroup offers VinFast cars to home buyers





Sunshine Group designed 'smart city' in the 1.2 billion USD project

Vinhomes residents received Vsmart phone as a New Year gift



JAPANTODAY

Model home provides model wife and model daughter so you can feel the joy of family life (Japan)



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OTHER ADDED VALUE FEATURES



Smart parking apps

Ocean in township project

Green park designed for kids



After 2020: The rise of **East and** North

Developers' innovation will be more important

Home mortgage loans are expected to grow faster

Moderate price growth as new supply pipeline remains strong

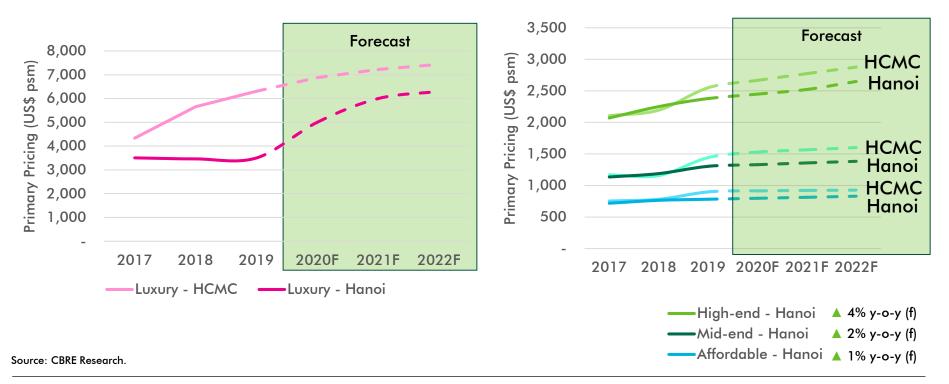


Hanoi Condominium, Mid-end to account for 80 – 85% of total new launch and sold units



Source: CBRE Research.

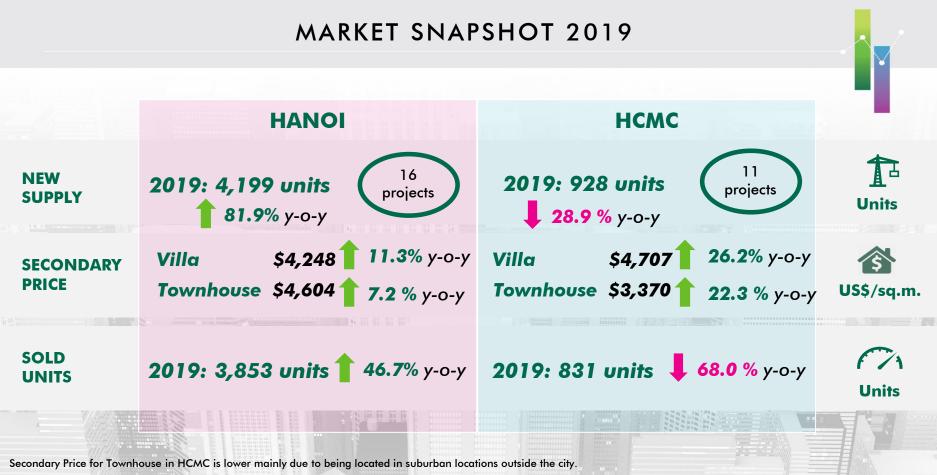
Hanoi Condominium, Selling Price



HANOI Landed Property

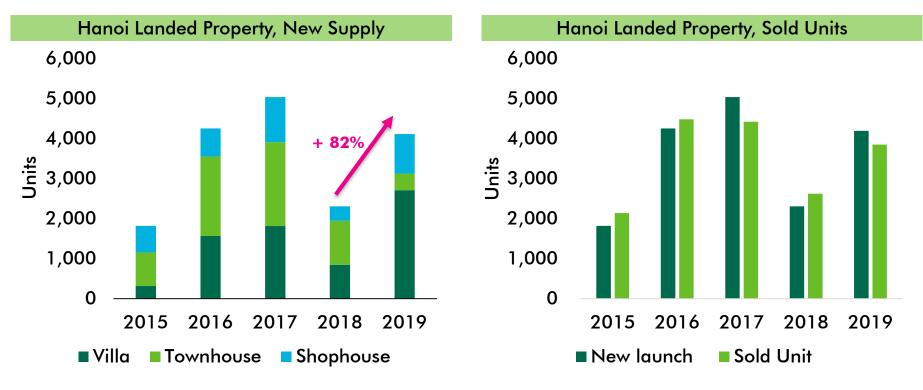
2019 KEY STORIES





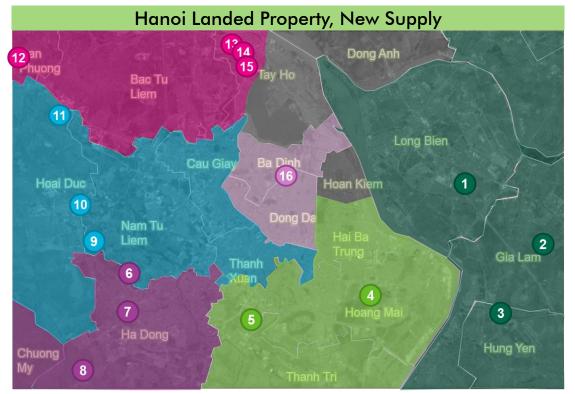
Secondary Price for Townhouse in HCMC is lower mainly due to being located in suburban locations outside the cit Price is average, inclusive of construction costs and exclusive of VAT. Source: CBRE Research.

LARGE SCALE TOWNSHIPS DRIVE NEW SUPPLY FORWARD



Source: CBRE Research.

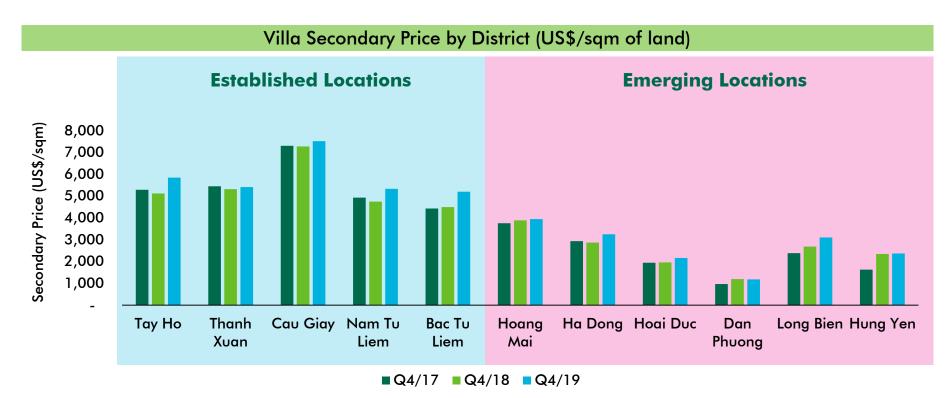
16 PROJECTS INTRODUCED 4,199 UNITS IN 2019



1Elegant Park Villa2Vinhomes Ocean Park3Spring Valley - Ecopark4Aurora Garden5The Manor Central Park	
3 Spring Valley - Ecopark	
3 Spring Valley - Ecopark	
를 4 Aurora Garden	
S The Manor Central Park	
6 Louis City	
7 Terra An Hưng	
8 Sol Lake Villa	
9 Vinhomes Smart City	
10 An Lạc Green Symphony	
11 Lideco	
tag12Phoenix Garden - Royal Hill13Sunshine Wonder Villas14Sunshine Golden River	
🗧 13 Sunshine Wonder Villas	
5 14 Sunshine Golden River	
15 The Lotus Center	
16 Grandeur Palace	

Source: CBRE Research.

EMERGING LOCATIONS WITNESSED STRONG PRICE GAINS

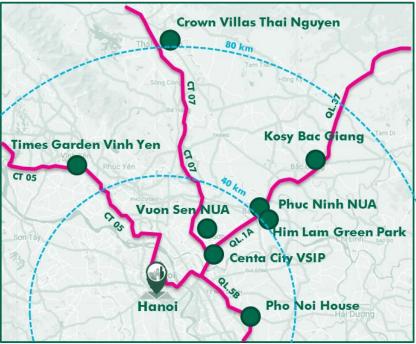


Price is calculated on US\$ psm land. Price includes construction costs, excludes VAT.

Source: CBRE Research.

PROVINCIAL MARKET: TRANSFORMATION TOWARDS READY-BUILT PRODUCTS

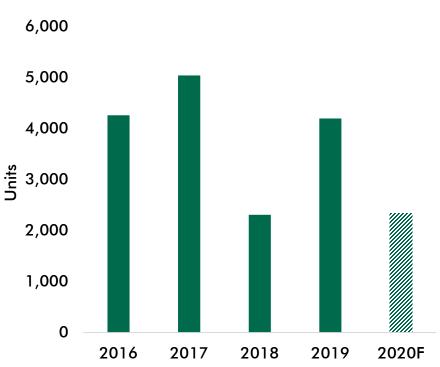
Mapping of recently launched landed projects in surrounding provinces, 2019



Price is calculated on US\$ psm land. Price includes construction costs, excludes VAT. Source: CBRE Research.



MARKET OUTLOOK: FURTHER DECENTRALISATION OF RESIDENTIAL CLUSTERS



Hanoi Landed Property, Future Supply, 2020F

Pipeline is calculated based only on known future projects.

Source: CBRE Vietnam

✓ Further expansion towards ∠ 」 suburban districts

Market absorption to remain
 positive as buyers are paying more
 attention to emerging locations

Upward trend in selling prices in new residential clusters

☐ Inter-provincial infrastructure and location by industrial hubs will be key factor for price determination

VIETNAM 2030

SMAP

HOME AUTOMATION IS THE NORM

INTEGRATED TOWNSHIP DEVELOPMENTS IN NEW RESIDENTIAL AREAS



VIETNAM NATIONAL FOOTBALL TEAM TO PLAY IN WORLD CUP'S SEMI FINAL

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REAL ESTATE MARKET OUTLOOK 2020 THANK YOU

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