



1Q MEDIA BRIEFING

MAKING SENSE OF IT ALL

April 02, 2020

Outline of the Presentation



1. Executive Summary

- 2. Office Sector
 - Demand
 - Supply
 - 2020 Forecast
- 3. IT Business Process Outsourcing (IT-BPM/BPO) Industry
- 4. Philippine Offshore Gaming Operations (POGO) Industry
- **5. Real Estate Investment Trust (REITs)**
- **6. Closing Remarks**

Executive Summary



A succession of external and internal risk events in 1Q 2020 have overshadowed the fantastic 2019 performance of the Philippine real estate sector:

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Tension in US – Iran relations

Oil price war – caused by Saudi Arabia and Russia's feud on oil prices

Crackdown on the POGO sector

Review of government-private sector contracts

Taal Volcano eruption

Dent in US-PH relations regarding Visiting Forces Agreement (VFA)

COVID-19 pandemic and the economic destruction brought by travel bans and lockdowns

Threats of global recession and turbulence in the stock markets

Executive Summary



Despite the potential threats from these risks, **Leechiu Property Consultants (LPC)** believes that this can serve as a unique opportunity for the Philippines in terms of:

- **9 Infrastructure projects** are on track for completion within the next 18 months which will accelerate economic productivity and development
- **Resilient demand from the IT-BPM industry** as multinational corporations aggressively cut costs and increase production in a climate of falling revenues
- Strong come back of the POGO sector once travel bans are lifted; with growth coming from all over Asia
- Liberalization of foreign ownership of more industries
- Multinational corporations to diversify out of China, and setting up disaster recovery centers in the Philippines servicing the Chinese market as POGO sector has demonstrated to the world that the Philippines can attract Chinese labor at a significant scale
- "Infinite" levels of **global fiscal stimulus** packages
- The **Philippine REIT sector is well positioned for longevity and sustainability** due to 3 factors: (1) Philippines has one of the largest and most vibrant office and retail sectors in the world, (2) Philippines is one of the top 4 largest markets in the world in terms of office space demand and retail consumer activity, and (3) REIT stocks are one of the best defensive assets.

These factors will drive resurgence of demand for the Philippine Office and Residential Sectors once COVID-19 situation becomes clearer. Already, there are over **157,000 square meters of office space transactions recorded in 1Q 2020**, with **another 636,000 sqm of live deals to be transacted throughout the year**, of which a substantial amount **we expect to materialize by the start of 2H 2020**

Executive Summary



OFFICE



- **Demand:** In the First Quarter of 2020, we recorded 157,000 square meters of office transactions, which is down by 47% YOY. There are 636,000 square meters of live requirements being transacted today, and we expect this demand to grow by another 25%. Many of these transactions are expected to close beginning 2H 2020. Based on what we know today, we are optimistic the Philippines total demand to range between 800,000 square meters 1,000,000 square meters this year.
- **Supply:** With the Enhanced Community Quarantine, we expect delays in construction, therefore we are reforecasting 2020 supply to be 842,000 square meters, down from 1.498 Million square meters (a reduction of around 44%).
- 2020 Forecast: Amidst initial concerns of an oversupply for 2020, the pandemic will
 flatten the supply curve, thereby offsetting the slowdown of office leasing
 transactions and avoiding a glut in office space. At the end of 2020, we
 expect the vacancy to be at manageable levels. The IT-BPM and POGO industries
 are the essential catalysts to sustain this equilibrium.



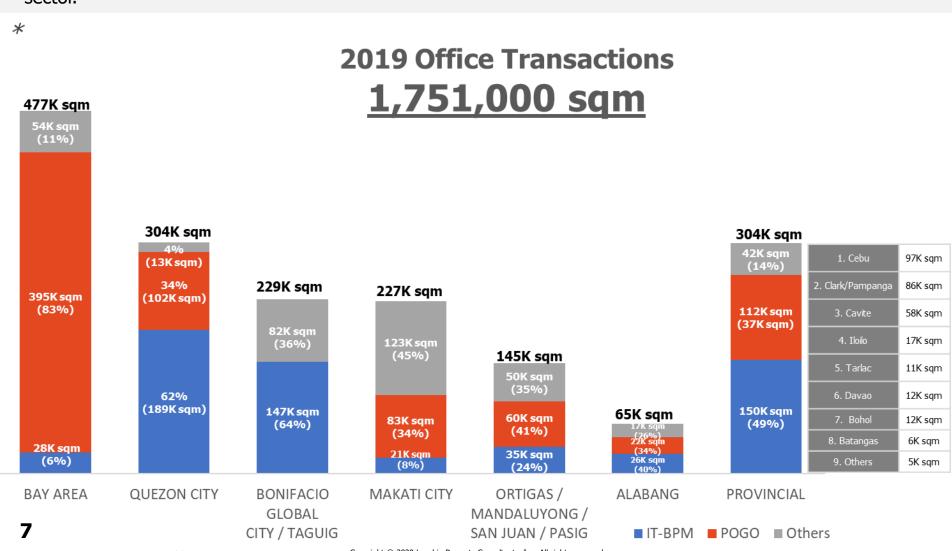


Philippine Office Demand

FY 2019 Per District



- The Philippines closed 2019 with 1.7M sqm of office transactions. Metro Manila accounted for 1.4M sqm (83%) and the Provincial Districts took the remaining 304K sqm (17%).
- Bay Area absorbed 27% of Metro Manila's transactions. This demand is primarily driven by the POGO sector.

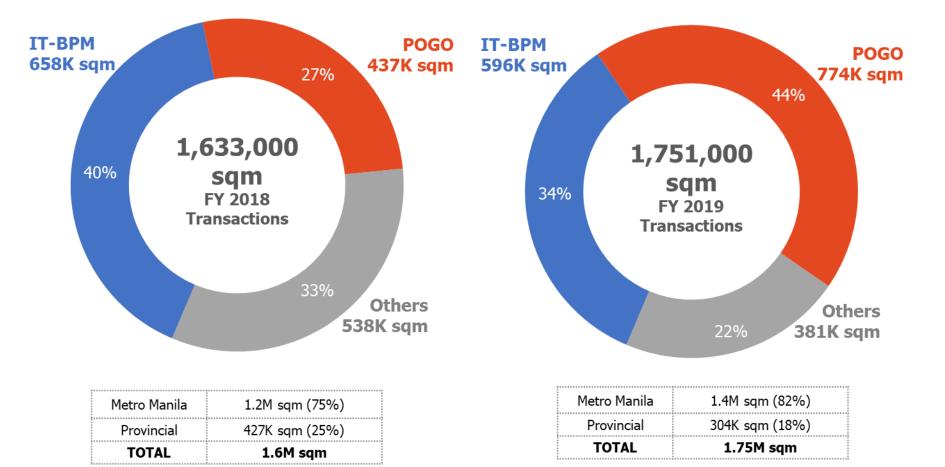


Demand Driver Comparison

The Philippines | FY 2018 vs. FY 2019



- From 2018 to 2019 Philippine's overall demand grew 9% YOY
- Metro Manila's demand grew 14% YOY amounting to 1.4M in 2019.
- POGOs have grown to become the leading demand driver of office space growing by 11 times in just 4 years.

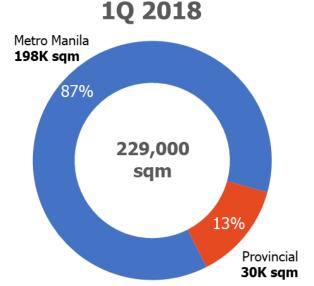


Demand Driver Comparison

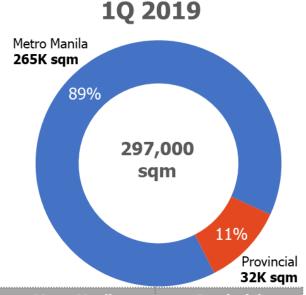
By District, Year-on-Year Comparison



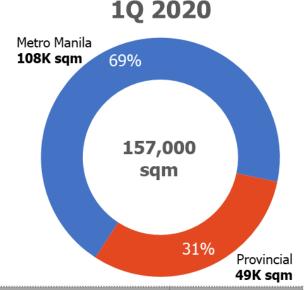
- Philippine demand is down -47% (157K sqm) YOY for 1Q 2020
- Majority of Metro Manila demand for 1Q 2020 is in Quezon City at 36K sqm (33%).
- Demand in provincial districts is off to a strong start with Clark and Iloilo taking the lead at 22K and 17K,
 respectively. The demand in Iloilo is driven availability of PEZA spaces in SM and Megaworld developments.



Metro M	Ianila	Provincial			
Alabang	58K sqm				
Ortigas/ Mandaluyong/ Pasig	44K sqm	Cebu	21K sqm		
Bay Area	32K sqm				
Bonifacio Global City/ Taguig City	28K sqm	Iloilo	9K sqm		
Quezon City	28K sqm				
Makati City	9K sqm				
Total	198K sqm	Total	30K sqm		



Metro N	1anila	Provincial		
Quezon City	84K sqm	Clark/ Pampanga	13K sqm	
Bay Area	57K sqm	· · · · · · · · · · · · · · · · · · ·		
Ortigas/ Mandaluyong/ Pasig	46K sqm	Cebu	8K sqm	
Bonifacio Global City/ Taguig City	35K sqm	Davao	6K sqm	
Makati City	26K sqm	Tarlac	5K sqm	
Alabang	16K sqm			
Total	265K sqm	Total	32K sqm	



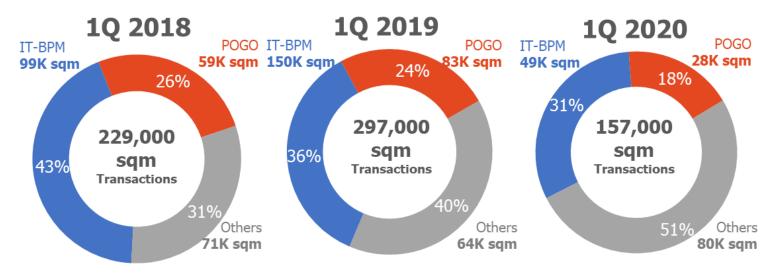
Metro M	Ianila	Provincial		
Quezon City	36K sqm	Clark/ Pampanga	22K sqm	
Ortigas/ Mandaluyong/ Pasig	33K sqm	Iloilo	17K sqm	
Makati City	25K sqm			
Bonifacio Global City/ Taguig City	8K sqm	Cebu	6K sqm	
Alabang	5K sqm	Cavite	4K sqm	
Bay Area	1K sqm		sqiii	
Total	108K sqm	Total	49K sqm	

Demand Driver Comparison

By Industry, Year-on-Year Comparison



- Majority of the 1Q 2020 demand remains to be in Metro Manila with 108K sqm (69%) transactions.
- Provincial transactions grew 53% YOY with total demand of 49K sqm.
- As early as 1Q 2020, we have observed at 636K sqm of live requirements countrywide.



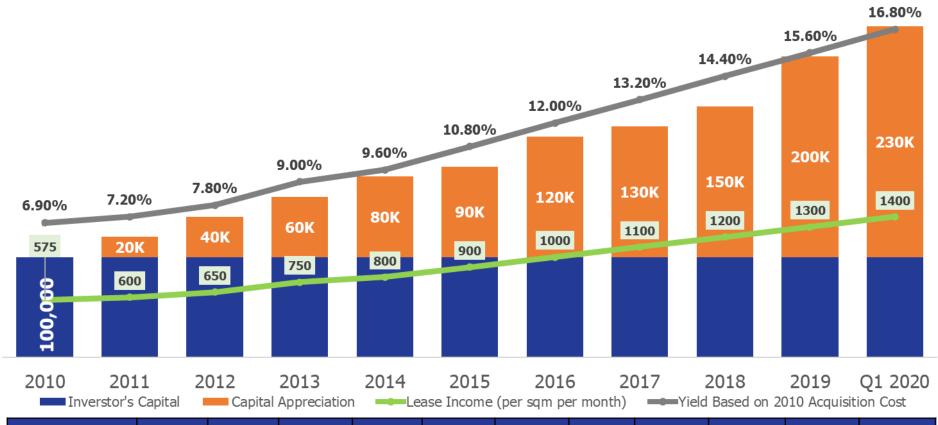
	1Q 2018	1Q 2019	1Q 2020
Metro Manila	198K sqm (87%)	265K sqm (89%) +34% YOY	108K sqm (69%) -59% YOY
Provincial	30K sqm (13%)	32K sqm (11%) +6% YOY	49K sqm (31%) +53% YOY
Total	229K sqm	297K sqm +30% YOY	157K sqm -47% YOY
Significant Events	Push for FederalismTRAIN 2 Law	PEZA Moratorium POGO crackdown	COVID-19Pressure on POGO sectorTaal Volcano Eruption

Land Values, Lease Rates and Effective Yield



BGC Case Study | Investors' Perspective if PhP100,000 was invested in 2010

BGC office strata investors in 2010 has a current **16.8% yield on rental income** and a **230% increase in Capital Value** by **2020** based on 2010 acquisition cost. Capital Appreciation and Lease Income rates continuously rising as YOY change grew constantly.



YEAR	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	Q1 2020
Total Yield (rental and capital appreciation)	6.90%	27.20%	27.80%	29.00%	29.60%	20.80%	42.00%	23.20%	34.40%	65.60%	46.80%
YOY % Change	-	0.30%	0.60%	1.20%	0.60%	1.20%	1.20%	1.20%	1.20%	1.20%	1.20%





Current vs. Pipeline

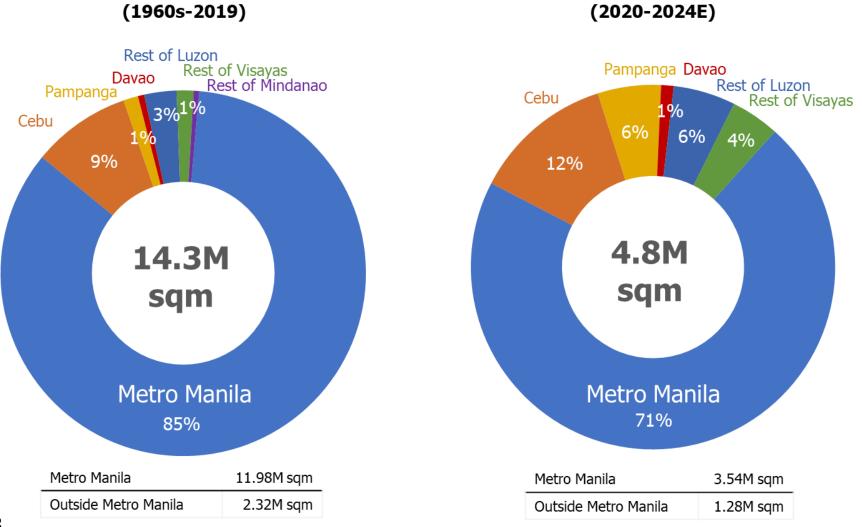
Philippine Office Supply | As of March 2020

CURRENT



PIPELINE

- Philippine office supply will grow by 4.8M square meters (+34%) in the next 5 years. The unprecedented level of developments outside Metro Manila is expected to add 1.28M square meters to its current supply of 2.32M square meters.
- This year, Cebu is back as the largest producer of office space outside of Metro Manila adding 622K square meters in the next 5 years.

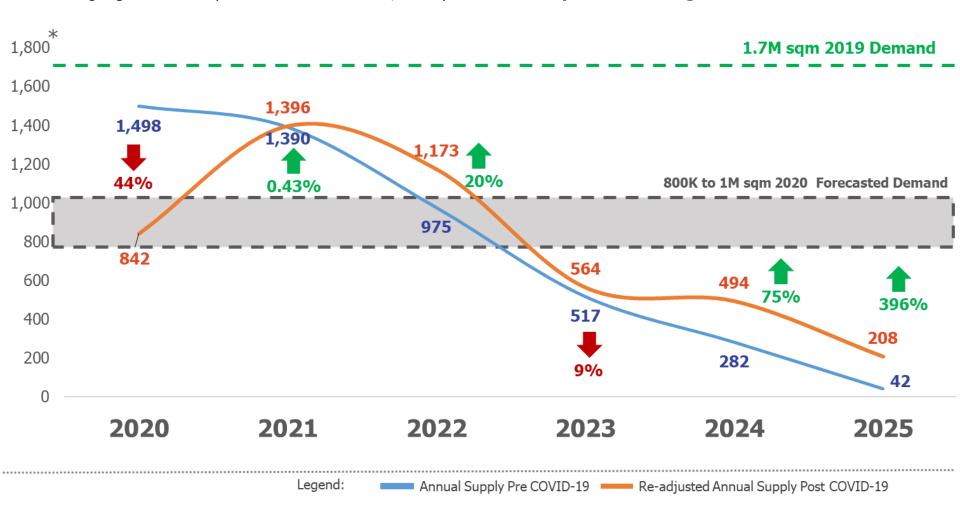


PH Pipeline Office Supply

Pre COVID-19 Supply vs Post COVID-19 Re-adjusted Supply



- 44% or 440K sqm of the country's 2020 office supply is expected to be delayed due to the Enhanced Community Quarantine.
- The pandemic will flatten the supply curve, thereby offsetting the slowdown of office leasing transactions and avoiding a glut in office space. At the end of 2020, we expect the vacancy to be at manageable levels.







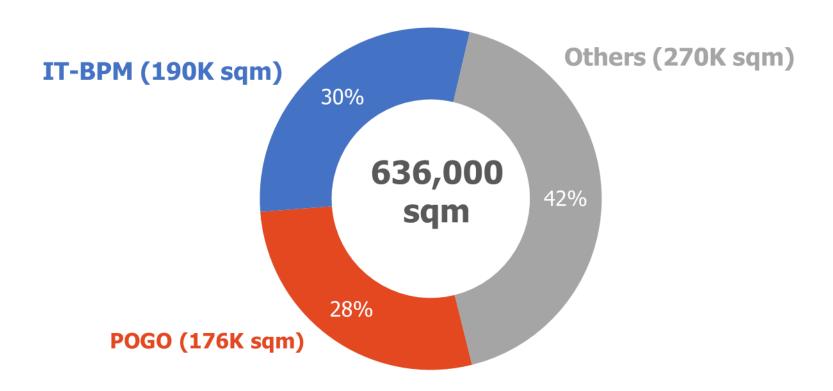
2020 Live Requirements

By Industry



- There are **636K sqm of live requirements** that will most likely conclude in 2H 2020.
- There is a sustained strong demand from the **IT-BPM sector of 190K sqm**.
- POGO's demand softened due to the COVID-19 travel ban, lockdown and POGO crackdown. We expect their demand to recover in 2H 2020.

2020 Live Requirements



A Year in Transactions

Philippine Office Demand per Quarter | FY 2019 vs. 2020E



- We are seeing that COVID-19 and the Enhanced Community Quarantine has affected all businesses, and that office space transactions due for 2Q 2020 will be pushed back.
- We expect resurgence of office space demand once COVID-19 situation stabilizes.





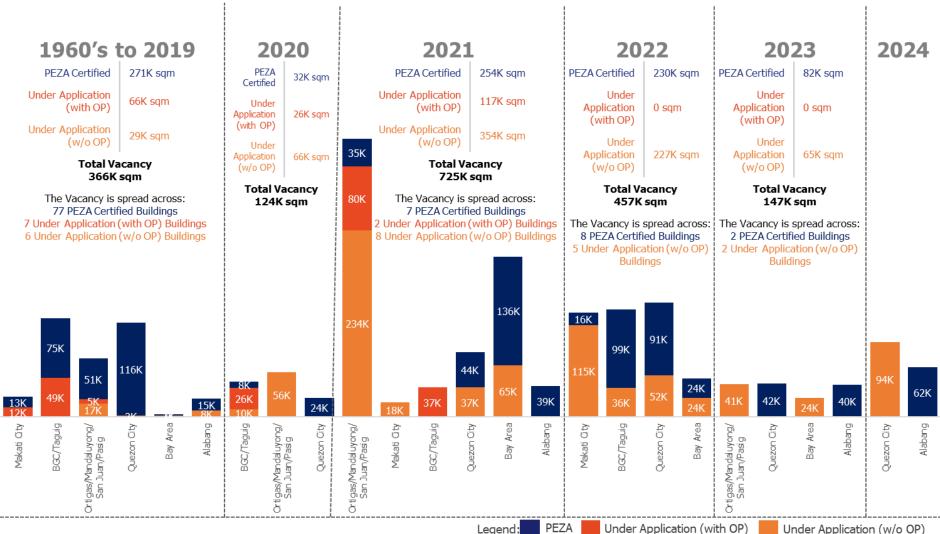


Metro Manila PEZA Vacancy

Current and Pipeline



- Of the 7.3M sqm current PEZA supply, only 271K sqm (3.7%) remain vacant across 77 buildings. Only 10 of the 77 buildings have a vacancy of at least 5K sqm. An additional 32K sqm of PEZA space is coming online. The combined total is grossly low compared to even the most conservative demand for the IT-BPM sector.
- We forecast a drastic decrease in rental rates in Ortigas Center due to the high supply, lack of PEZA, and ban on POGOs.

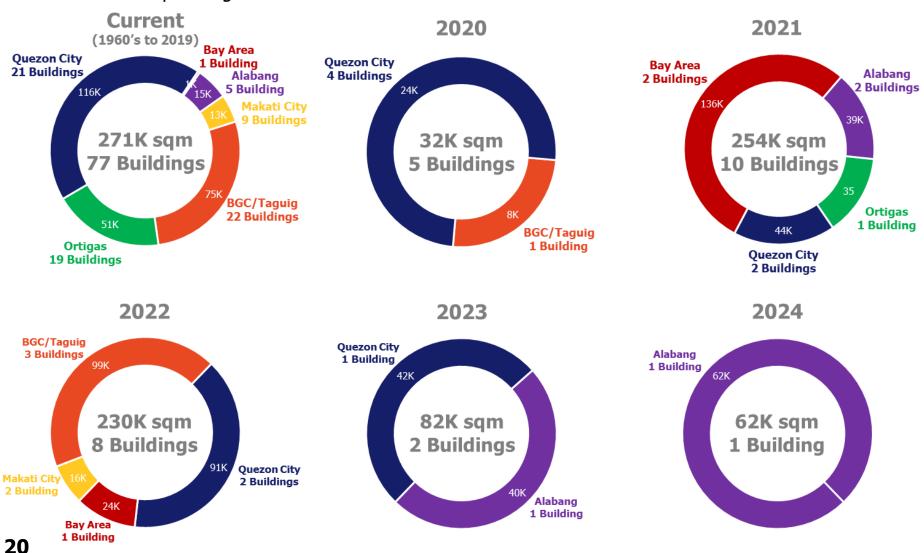


Metro Manila PEZA Vacancy

Building Breakdown



Metro Manila is expected to receive another **660K sqm** of vacant PEZA space within the next 5 years. **Quezon City** and **BGC/Taguig** have the **biggest contribution** while **Ortigas** and the **Bay Area** have distinct **lack** of upcoming PEZA vacancies.

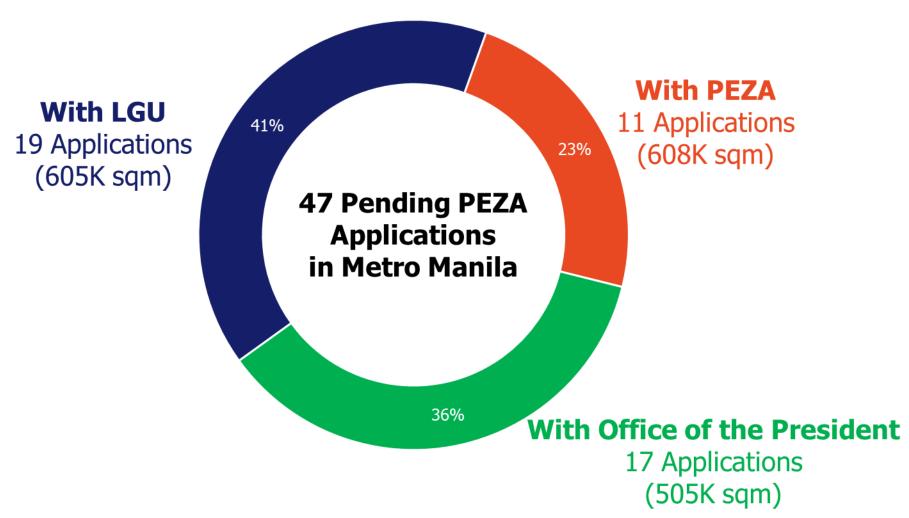


PEZA Application Status

Post-AO18



- There are currently a total of **47** pending PEZA applications. With AO18, only **17** of these applications will likely get PEZA accreditation.
- 11 buildings are pending with PEZA, subject to lifting of Administrative Order 18.
- We highly encourage the LGU and the Office of the President to approve the pending PEZA applications.

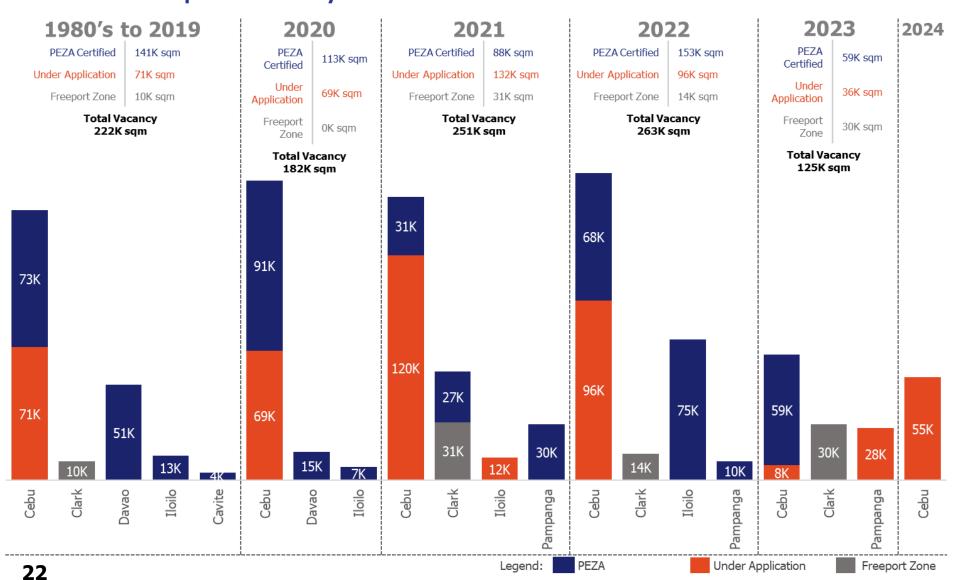


Provincial PEZA Vacancy

Key Districts | Current and Pipeline



Cebu will continue to be the biggest supplier of PEZA spaces outside Metro Manila, with a total of 322K sqm
of vacant PEZA space from today until 2023.

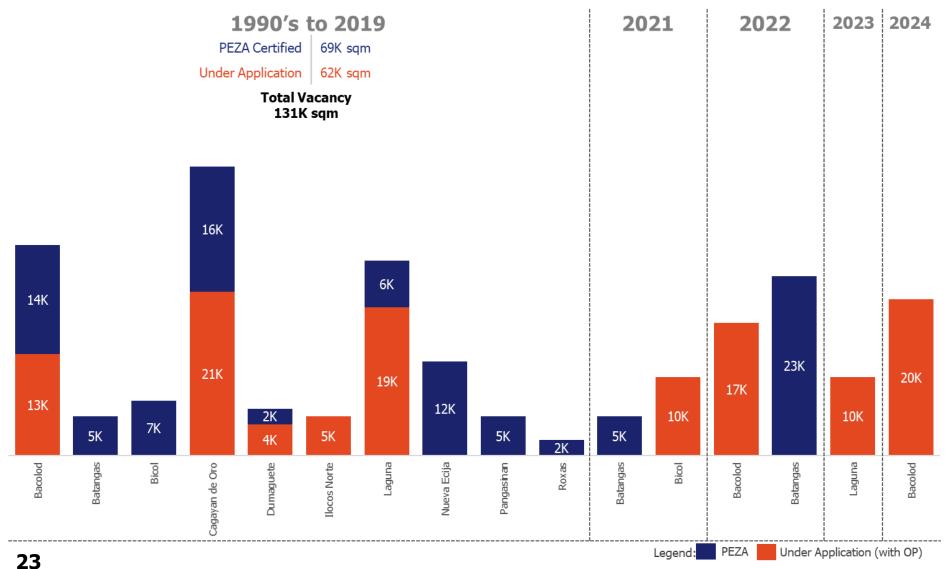


Provincial PEZA Vacancy

Other Provinces | Current and Pipeline



- Outside of the Key Districts, Current PEZA Vacancy is at 69K sqm spread across 9 provinces.
- Another 28K sqm of vacant PEZA space is expected to enter the market by 2022

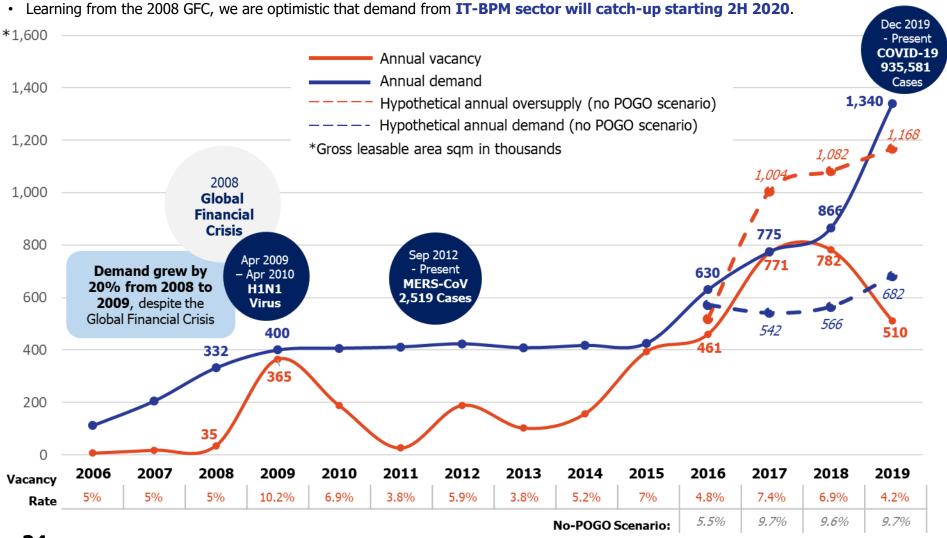


Impact of IT-BPM and POGO Sectors to Office Market

Metro Manila | Demand versus Supply



- Philippines is the only market in the world where office demand did not contract during 2008 Global Financial Crisis (GFC), this is
 on the back of IT-BPM demand for office space. The IT-BPM office demand has been stable and growing modestly throughout the decade
- Since 2016, **POGO demand for office space has absorbed the supply which the IT-BPM sector was not able to take**. Without the POGO sector, vacancies would have reached over 1M+ sqm each year.





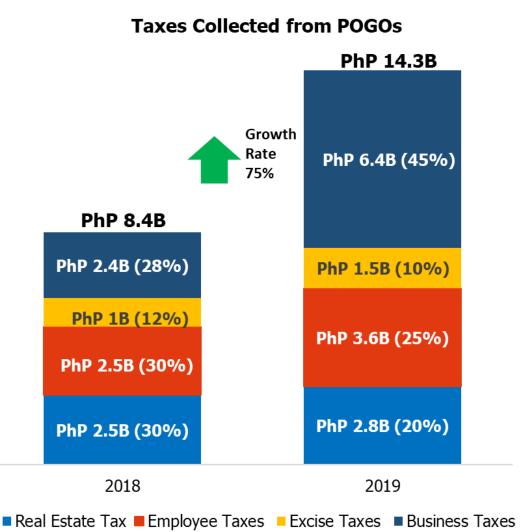


POGO is our Friend

Demand Analysis | Year-on-Year Comparison



- The POGO industry has produced 120K jobs for Filipinos. It has also become another source of income for government projects and services.
- About 1.6M sqm of office space has been taken up by the POGO industry.



BENEFITS







- 1.6M sqm office space occupied in the Philippines and another estimated 1.6M - 1.8M sqm of residential space taken
- Significant real estate driver that keeps office and residential space vacancies low
- Willing to pay more than market standard rental rates
- POGO expansion in provinces increases investor confidence therefore generating more projects in hotels, residential, offices, and infrastructure sector
- Approx. 450K direct jobs generated, of which 120K are locals and possibly close to a million indirect local jobs generated, working in the Services sector
- Approx. PhP 340B in salaries spent by employees
- Largest inbound tourist market spending \$1.3K/per capita

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Metro Manila Residential Market

Rental Market



- Leasing demand remains firm and this has led to landlords dictating record high prices for rental units.
- Rental rates have seen an increase of up to 172% from 5 years ago in the Bay Area
- There is a high rental growth rate in Bay Area and Alabang that complements the POGO industry.

METRO MANILA COMPARATIVE RENTAL RATES

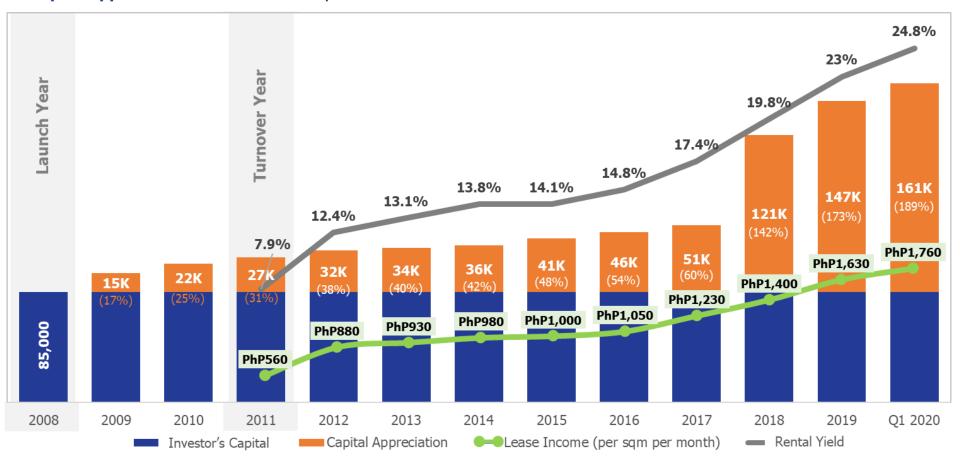
(In PhP/sqm/mo) ——Alabang —BGC —Makati —Ortigas/Mandaluyong -Bay Area 2,000 1,700 172% 1,500 **17**% 1,110 38% 1,100 1,000 49% 950 970 800 650 625 550 500 2015 2016 2017 2018 2019 Q1 2020 27

Bay Area Residential Investment

Sea Residences | Capital Values, Rental Rates, and Yield



A Bay Area residential condominium investment of P85K/sqm. in 2008 has a current 24.8% yield from rental income and a capital appreciation of 189% driven by POGO.



YEAR	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	1Q 2020
Total Yield	•	17.2%	8.3%	13.9%	18.7%	15.5%	16.2%	19.9%	20.9%	23.6%	101.6%	53.9%	40.7%
Rental Yield YOY %Chg	-	-	-	-	4.5%	0.7%	0.7%	0.3%	0.7%	2.5%	2.4%	3.2%	1.8%

Tourism and Migration

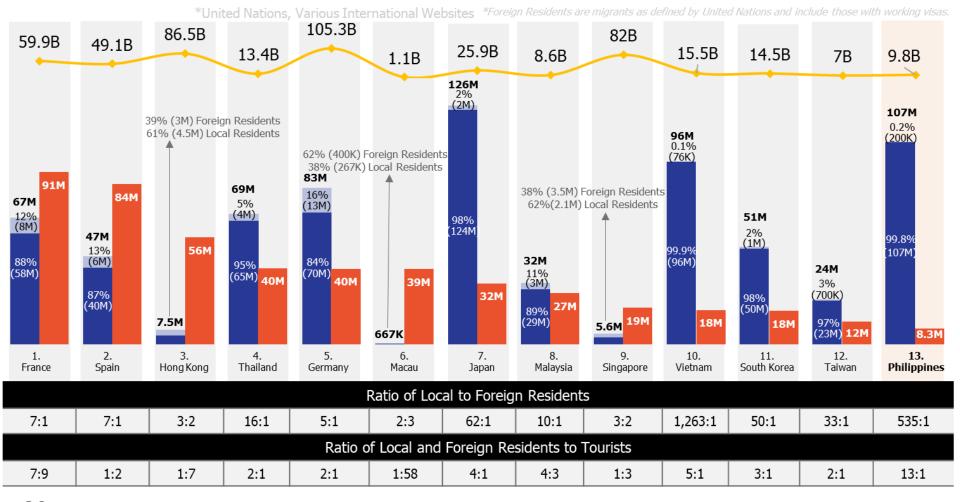
Composition of Foreign Residents and Tourists



- The Philippines has a low rate of foreign residents at only 0.2% of its population and one of the lowest tourist arrivals in the world.
- Macau has the highest share of foreign residents (including foreign workers) to total population.
- Countries like Hong Kong, Macau, Singapore, France, and Spain have higher tourist arrivals than its entire population.

Foreign Residents and Tourists in Different Countries

■ %Local Residents ■ %Foreign Residents ■ Tourist Arrival 2019 — FDI (USD, 2018)



Chinese Outbound Visits

Chinese Tourists Volume vis-à-vis On-Location Spending



- China has changed the tourism landscape in the world and has remained the world's largest spender. Only 10% of China's 1.4 Billion inhabitants travel internationally
- China is the world's largest market for outbound travel, having skyrocketed from 4.5 million travelers in 2000 to 170 Million in 2019. 74.5 million went to Greater China (Hong Kong, Macau, Taiwan) and 95.5 million traveled beyond
- 70% (119 Million) of the total Chinese tourists traveled to the Top 10 countries for Chinese outbound countries.
- Only 1% (1.7 Million) of total Chinese tourists went to the Philippines.

Top Outbound Chinese Visits 2019 Including Philippines



Average Chinese Tourist Spending Per Capita

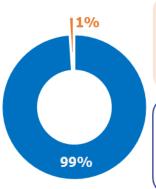




Global Comparison of REITs



Global REITs Asset Value:USD 3 trillion
(as of Jan 2020)



346 REITs across the globe, spanning **38 countries**

REITs own approximately \$3 trillion in gross real estate assets globally, with \$2 trillion of that total from public listed and non-listed REITs and the remainder from privately held REITs.

Global Real Estate Value: USD 280 trillion (as of 2017) **REIT sectors**: office, retail, residential infrastructure, health care, industrial, data centers, self-storage, lodging, timberlands, jails, and others

USD 109B raised in public market offerings in 2019

Country	Year Enacted	# of REITs	REIT as % of Stock Market Cap	Mar	REIT Market Cap (in billion USD)		Stock rket Cap llion USD)	Minimum Public Ownership (to list)
Philippines	2009	0	0.20% (est.)	\$ 0.6	05 (est.)	\$	294	33%
Singapore	1999	43	15%	\$	110	\$	733	25%
Australia	1971	38	10%	\$	143	\$	1,454	15%
US	1960	226	4%	\$	1,188	\$	30,436	At least 100 shareholders
Canada	1993	37	3%	\$	107	\$	3,256	At least 150 shareholders
Japan	2000	64	3%	\$	157	\$	5,967	At least 1,000 shareholders
South Korea	2001	232 (7 listed)	3%	\$	39	\$	1,123	30%
Malaysia	2005	18	3%	\$	11	\$	391	25%
UK	2007	56	2%	\$	89	\$	4,590	35%
Thailand	2007	4	1.5%	\$	7	\$	455	25%
Hong Kong	2003	11	1%	\$	52	\$	4,618	25%
India	2014	1	0.21%	\$	5	\$	2,270	25%

REITs are a Proven Defensive Play



COMPARATIVE PERFORMANCE OVER A 10-YEAR PERIOD

As of 01 April 2020

ST Real Estate Investment Trusts Index: +15.35%

Strait Times Index: -15.49%



Legend:

FTSE ST Real Estate Investment Trust (FSTRE2000)
Strait Times Index (STI)

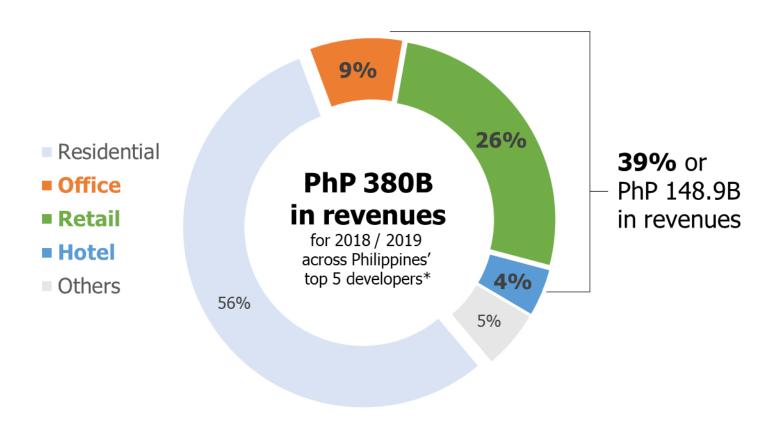
- The FTSE ST Real Estate Investment Trust (FSTAS8670) is a well-established index which have been tracking Singapore REIT sectors for quite sometime. There are total 33 index components in this FSTAS8670 index.
- The Straits Times Index (STI) is a market capitalization weighted index that tracks the performance of the top 30 companies listed on SGX.

Source: Marketwatch

REIT Sector Potential in the Philippines



The strong performance and healthy supply levels of the office, retail, and hotel sectors in the Philippines indicate that it is well-positioned for REIT. We highlight that the revenue stream of these 3 sectors combined comprises 39% of the total revenue of the Philippines' Top 5 developers.



^{*}Top 5 developers and date of revenue reports: Ayala Land (2019), Filinvest Land (2018), Megaworld (2018), Robinsons Land (2019), SM Prime Holdings (2019)

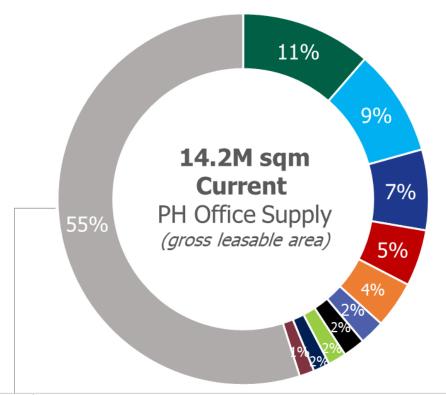
Source: JP Morgan and various annual reports

Office: Developer Market Share

Philippines – Current Supply (as of end-2019)



 The top 10 developers represent 45% (6.4M sqm) of the current PH office stock, while the next 10 developers account for 10% (1.3M sqm).



Top 10
from
others
(10% of
total)

RCBC/Yuchengco Group of Companies (174K) Rockwell Land (161K) The W Group (160K) DoubleDragon (156K) Federal Land (154K) Philippine Realty & Holdings (145K) Innoland Development (140K) Century Properties (137K) Vista Land (131K) Skyrise Realty (115K)

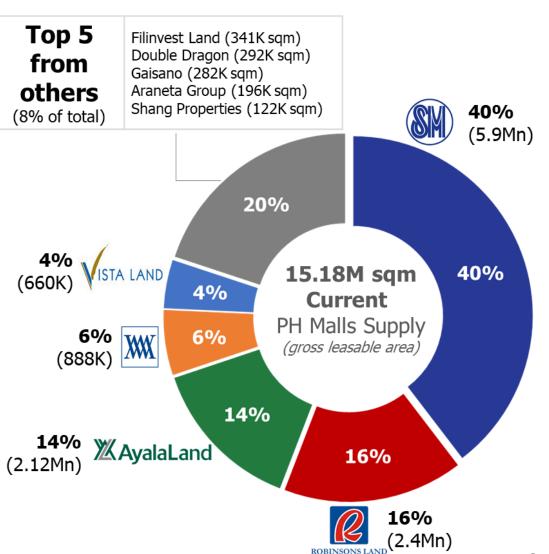
1	X AyalaLand	11% (1.6M)
2	MEGAWORLD	9% (1.3M)
3		7% (1M)
4	ROBINSONS LAND CORPORATION	5% (708K)
5	FILINVEST	4% (602K)
6	raneta	2% (318K)
7	NEO	2% (271K)
8	Dailchi Properties	2% (226K)
9	AMBERLAND CORPORATION	2% (205K)
10	≅TON	1% (185K)

Malls (Retail): Developer Market Share

Philippines - Current Supply (as of 1Q 2020)



• 12M sqm or 80% of the total current malls stock is from 5 developers only. The next 5 developers represent 1.2M sqm or 8%. The balance of 1.8M is spread across over 60 mall developers.



REGION	GLA (sqm)	%
NCR	6.7Mn	44%
Region III - Central Luzon	1.9Mn	13%
Region IVA - CALABARZON	1.6Mn	11%
Region VII - Central Visayas	1.4Mn	9%
Region VI -Western Visayas	957K	6%
Region V – Bicol Region	511K	3%
Region XI – Davao Region	431K	3%
Region X – Northern Mindanao	302K	2%
Region II – Cagayan Valley	288K	2%
Region XII – SOCCSKSARGEN	241K	2%
Region XIII – Caraga Region	192K	1%
Region I – Ilocos Region	158K	1%
Region IVB – MIMAROPA	107K	1%
CAR	105K	1%
Region VIII – Eastern Visayas	53K	0.4%
ARMM	42K	0.3%
Region IX – Zamboanga Peninsula	29K	0.2%
TOTAL	15.18Mn	100%

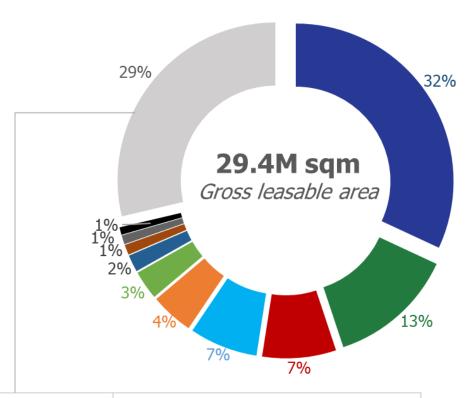
Source: LPC Research, Developers' press releases and annual reports

Office + Malls = Massive Portfolio of REIT-able Assets

Philippines - Current Supply



OFFICE & MALLS CURRENT TOTAL SUPPLY



Top 5 from others (4% of total)

Daiichi Properties (226K) Rockwell Land (208K) Amberland Corporation (205K) Eton Properties (185K) RCBC/Yuchengco Group of Companies(174K)

1		32% (6.9M)
2	X AyalaLand	13% (3.7M)
3	ROBINSONS LAND CORPORATION	7% (3.0M)
4	MEGAWORLD	7% (2.2M)
5	FILINVEST	4% (944K)
6	VISTA LAND	3% (791K)
7	raneta	2% (514K)
8	DOUBLE DRAGON PROPERTIES CORP.	1% (449K)
9	GAISANO GRAND MALLS	1% (282K)
10	NEÓ	1% (271K)

Closing Remarks



"Today is hard, tomorrow will be worse, but the day after tomorrow will be sunshine." — Jack Ma

- IT-BPM sector is the largest office occupier. They need to be supported by having more PEZA zones throughout the country.
- 2. With COVID-19 pushing global markets into a recession, combined with the corresponding "infinite" global fiscal stimulus packages, these will translate to a sustainable long term inflow of IT-BPM and POGO demand.
- 3. POGO is our friend. They have increased investors sentiments significantly and most importantly in the provinces.
- 4. China is the single largest investor and tourism market in the world. We have to find a way to continue to attract them to invest in the Philippines.
- 5. REITs are a proven defensive play. Philippines can offer a sizable REIT-able portfolio of at least 22M square meters of office and mall space.





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