

# **2022 First Quarter Briefing**

May 2022

# Agenda

- Introduction of Cathay FHC
- Business Overview
- Overseas Expansion
- Business Performance Summary

Cathay United Bank

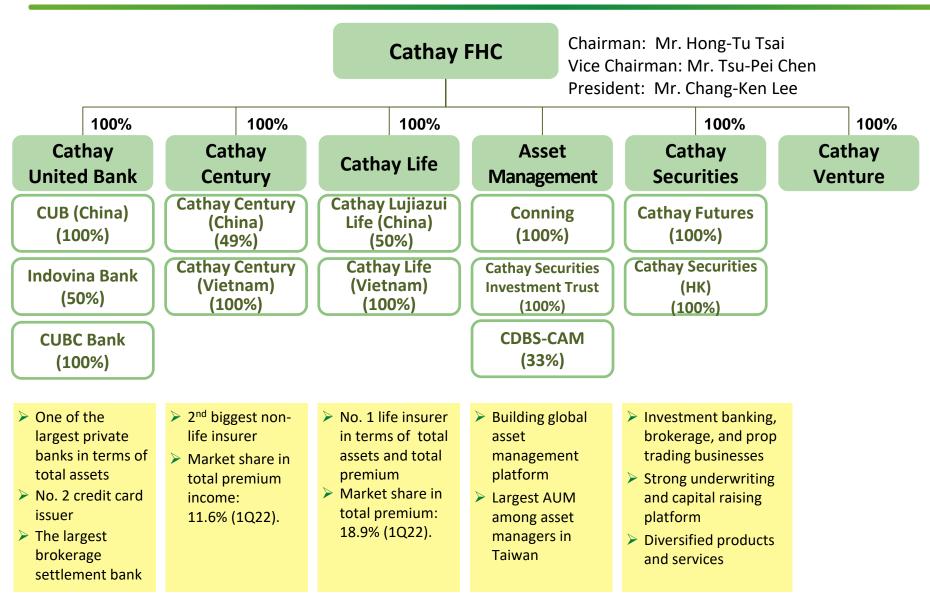
Cathay Life

**Cathay Century** 

- Cathay Life Embedded Value & Appraisal Value
- Cathay's ESG Efforts
- Appendix



# Cathay FHC: largest FHC, comprehensive products



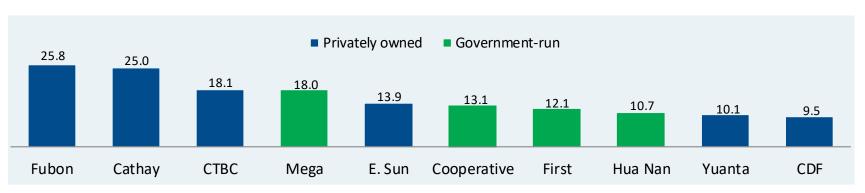
#### Market leader in Taiwan's FIG sector

Largest listed financial group by assets.



Note: Total assets as of March 31, 2022

#### Ranking of market cap (US\$bn)



Note: Market capitalization as of May 31, 2022



# Cathay FHC's continuous effort in ESG integration



- Formed Responsible Investment Team
- Included in DJSI Emerging Market Index
- Cathay United Bank (CUB) signed Equator Principles, a first in Taiwan
- Joined Asia Investor Group on Climate Change (AIGCC)
- Cathay Life self-compliance with PSI

Established CSR Committee

2014

2015

Dow Jones
Sustainability Indices

2016

Powered by the S&P Global CSA

- First Taiwan FIG to disclose carbon footprints in investment portfolio
- Active in engagement with government on climate governance
- Included in DJSI World Index
- Among the first to sign on TCFD initiative
- Cathay United Bank self-compliance with PRB
- The only Taiwan FIG joined
   CDP Non-Disclosure Campaign &
   Climate Action 100+ Initiatives
- Cathay Century P&C Insurance selfcompliance with PSI

2019



2018



2020

2021



RE100 2022 °CLIMATE GROUP

44.CDE

- Joined Ceres Valuing Water Finance
   Task Force
- Launched the Taiwan Sustainable Investment Survey
- Cathay Securities published ESG rating reports on individual listed companies
- Issued ESG integration report certified by third party
- Committed 100% renewable energy by 2030
- Participated in Asian Utilities
   Engagement Program

- Selected by The Investor Agenda for its global top-10 best-practice case studies in the Investor Climate Action Plans (ICAPs)
- Became RE100 member, the first financial institution in Taiwan

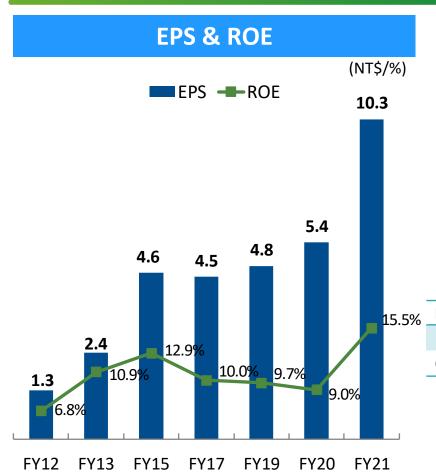


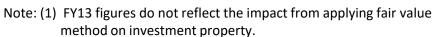
# Participation in global and domestic ESG initiatives

Initiatives	Joined company / Time					
CDP	Cathay FHC (2012)					
Low Carbon Investment Registry	Cathay FHC (2014)					
Taiwan Stewardship Principles	<ul> <li>Cathay Life &amp; Cathay SITE (2016) / Cathay Century Insurance (2017) / CUB &amp; Cathay Securities (2018)</li> </ul>					
Asia Investor Group on Climate Change (AIGCC)	Cathay FHC (2016)					
CDP non-disclosure engagement campaign	Cathay FHC (2017)					
Climate Action 100+	Cathay Life & Cathay SITE (2017)					
PRI (signatory / voluntary self-compliance)	<ul> <li>Conning Inc. (Signatory in 2015)</li> <li>Cathay Life (voluntary self-compliance in 2015)</li> </ul>					
PSI (voluntary self-compliance)	Cathay Life (2016)/ Cathay Century Insurance (2017)					
PRB (voluntary self-compliance)	Cathay United Bank(CUB) (2018)					
TCFD	Cathay FHC (2018)					
Valuing Water Finance Task Force	Cathay FHC & Cathay Life (2020)					
Asian Utilities Engagement Program	Cathay FHC (2021)					
Committed to setting Science-Based Target (SBT)	Cathay FHC (2022)					
RE100 member	Cathay FHC (2022)					

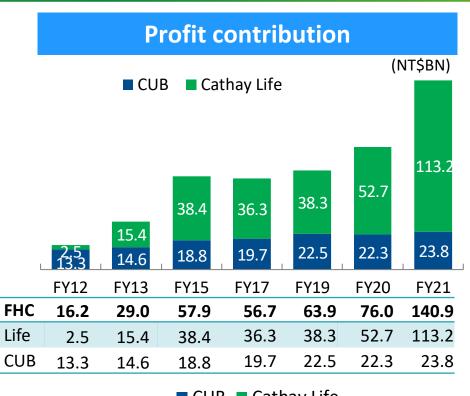


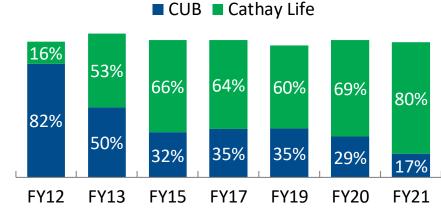
#### Cathay FHC continued to deliver solid earnings





- (2) Since Cathay FHC has more subsidiaries other than Cathay Life and CUB, besides, due to affiliate transactions, the Cathay FHC net income might not equal to the sum of Cathay Life and CUB's.
- (3) EPS has been adjusted for stock dividend (stock split).

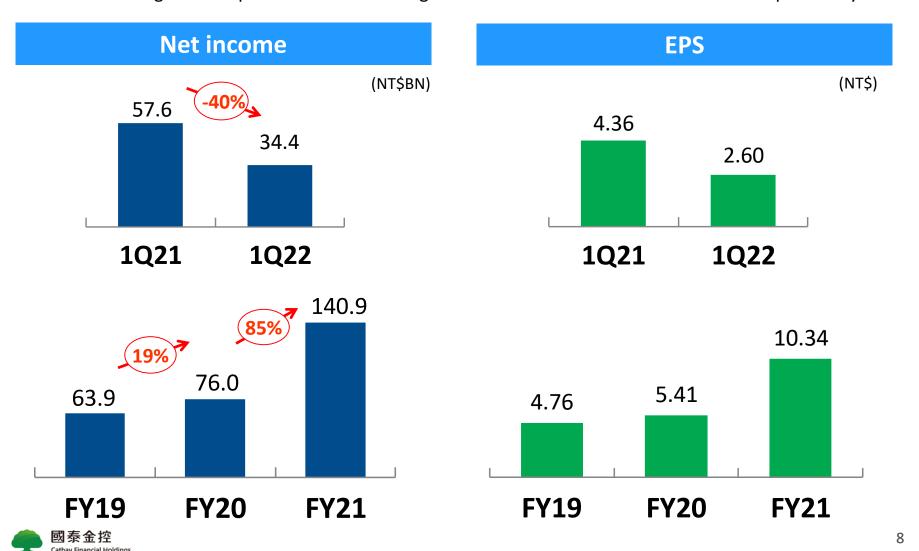






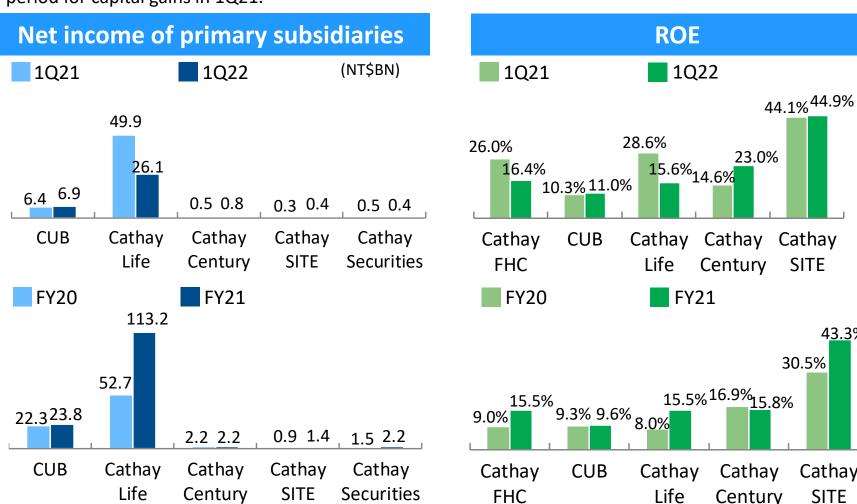
#### Cathay FHC – Net income & EPS

■ 1Q22 earnings were the second highest ever recorded in the first-quarter period. YoY decline was mainly due to the higher base period for investment gains and favorable financial markets in the previous year.



#### Cathay FHC – Net income & ROE

- CUB earnings grew 7% YoY, driven by robust net interest income and fee income. Cathay Century and Cathay SITE each had record-high 1Q22 earnings.
- Cathay Life delivered its second-highest historical 1Q earnings. The YoY decline was due to the higher base period for capital gains in 1Q21.



SITE

30.5%

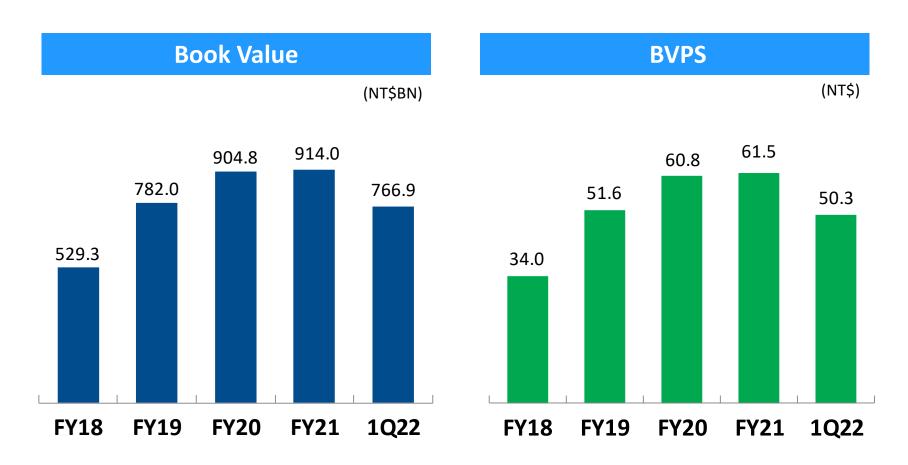
43.3%

Cathay

SITE

# Cathay FHC – Book value & BVPS

Book value declined in 1Q22, reflecting rising bond yields and falling equity markets.



Note: (1) Book value includes preferred shares and minority interests, BVPS represented BVPS attributable to common shareholders.

(2) Starting Jan.1, 2018, the reporting was based on IFRS 9.

#### **1Q22** Business overview

#### Cathay United Bank

- Delivered robust growth in deposits and loans. Asset quality was benign. Interest spread expanded, and net interest income saw 10% YoY growth.
- Net fee income grew 15% YoY, driven by robust YoY fee growth in wealth management, credit cards, and syndicated loans.

#### **Cathay Life**

- Adhered to a value-driven strategy. Protection-type FYP grew 21% YoY. AUM for investment-linked products (ILPs) rose to over NT\$700bn, ranking No. 1 in the industry.
- Delivered sound investment performance with an after-hedging investment yield of 4.7%.
- EV increased by NT\$55bn (or 5%) to NT\$1,199bn (or NT\$91.0 per share of FHC).

#### **Cathay Century**

- Premium income rose 14% YoY, with 11.6% market share. Continued to provide diversified insurance services, well-rounded coverage concepts, and customer-centric products.
- Developed online business in China. Accelerated development of Vietnam business and increased premium income via digital transformation and mobile applications.

#### **Cathay SITE**

- Ranked No. 1 in AUM, amounting to NT\$1.24tn. Earned wide acclaim for various new products. 1Q22 net profit set a record high for the first-quarter period.
- Recognized by Asia Asset Management and Benchmark. Received TFF-Bloomberg Best Fund Award and Golden Goblet Award in 2022.

#### **Cathay Securities**

- Optimized customer experience with a digital-only business model; focused on digital customers to increase customer base.
- Number of customers grew steadily, with total number of open accounts reaching 1.27mn as of 1Q22.



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# **Cathay FHC in South East Asia**

	China	Vietnam	Cambodia	Hong Kong	Singapore	Malaysia	Laos	Philippines	Myanmar	Thailand	Indonesia
Bank	7	36	16	1	1	1	1	1	1	1	1
Life	53	148									
P&C	26	2									
Asset Mgt.	1			1							
Securities				2							

Note: (1) Footprints in Thailand and Indonesia are rep. offices.

- (2) Investments in RCBC are funded by Cathay Life.
- (3) Cathay FHC owns 49% stake of Cathay Century (China), and 33% stake of CDBS Cathay Asset Management.

# Laos Thailand Cambodia Philippines Cathay Life Cathay United Bank Cathay Century Indonesia

#### Banking

- Vietnam: Opened Ho Chi Minh City Branch in April.
   IVB continued to expand in corporate, consumer, and digital banking business.
- Cambodia: Local subsidiary's business grew steadily.
- Philippines: Invested in RCBC.(2)

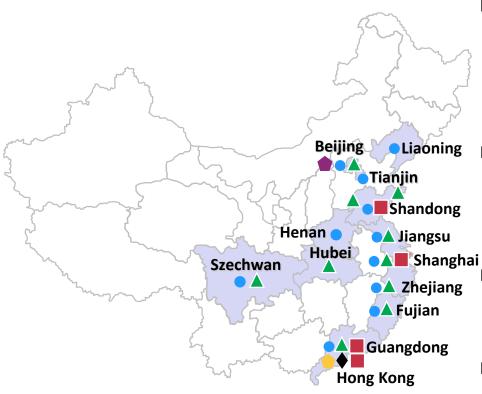
#### ■ Cathay Life (Vietnam)

- Total premium grew 11% YoY to 558bn VND in 1Q22.
- Expanded and diversified distribution channels.

#### Cathay Century

- Premium income grew to 110bn VND in 1Q22.
- Continued to expand local distribution channels to enhance growth momentum.

#### **Cathay FHC in China**



- Cathay Lujiazui Life
- Cathay United Bank
- ▲ Cathay Century (China)
- Cathay Securities
- **♦** Conning Asia Pacific Limited
- CDBS Cathay Asset Management Company

#### ■ Cathay United Bank

- China subsidiary saw steady performance.
- HK branch issued its first structured product, providing greater flexibility in asset allocation for high-net-worth customers.

#### ■ Cathay Lujiazui Life

- Total premium grew 8% YoY to 1.2bn RMB in 1Q22.
- Reinforced mid-to-high-end customer base; enhanced efficiency through digitalization management tools.

#### Cathay Century (China)

- Formed a strategic alliance with Ant Group. Actively developed e-commerce financial services.
- Cathay Securities (HK)
- Continued to grow local and cross-border business.
- JV with China Development Bank Securities (CDBS Cathay Asset Management)
- Business remained steady.
- Conning Asia Pacific Limited
  - Continued to expand asset management business.



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#### Cathay United Bank

Cathay Life

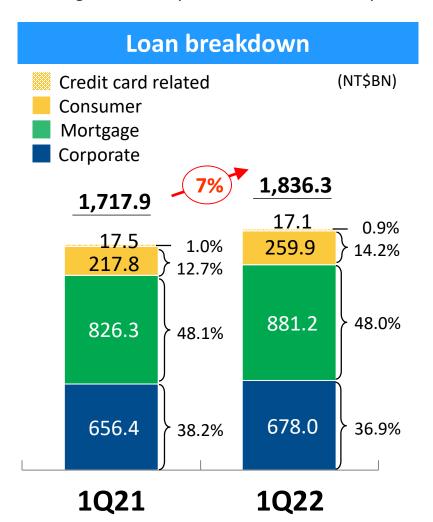
**Cathay Century** 

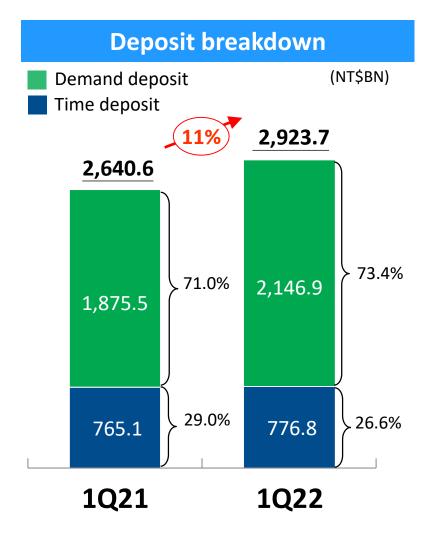
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# Cathay United Bank – Loan & deposit breakdown

- Robust loan growth across consumer, mortgage, and corporate loans.
- Solid growth in deposits, with demand-deposit ratio over 70%.

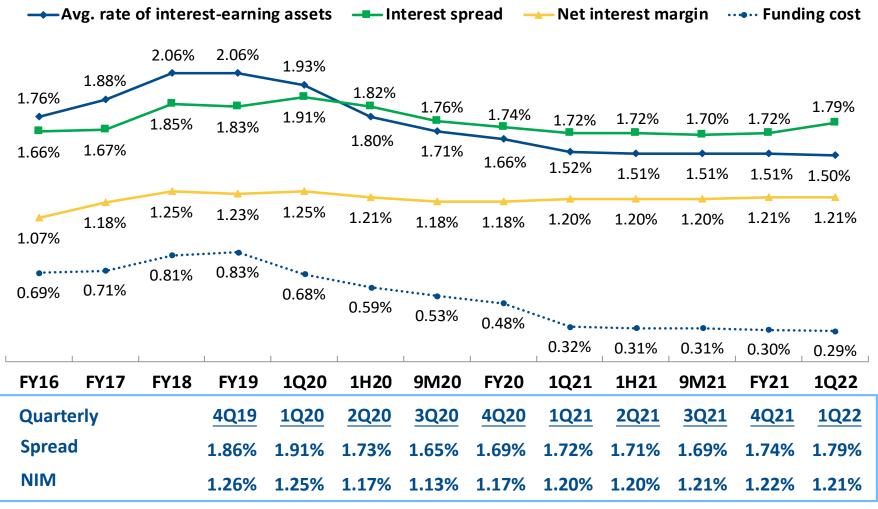






# Cathay United Bank - Interest yield

■ 1Q22 interest spread expanded, attributable to optimized loan mix and increase in lending yield. The reduced FX bond position led to a slight QoQ decline in NIM.



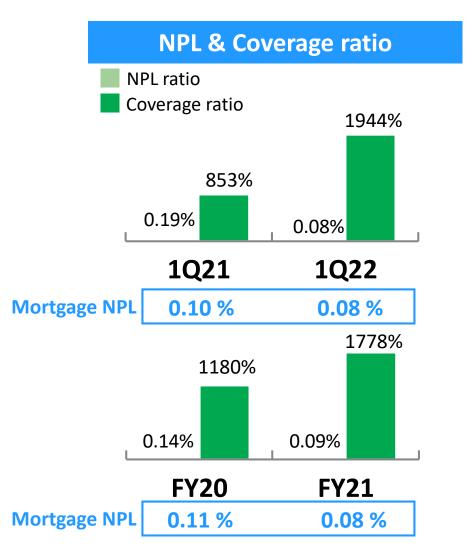
Note: (1) Credit card related loans are included in the calculation of interest spread.

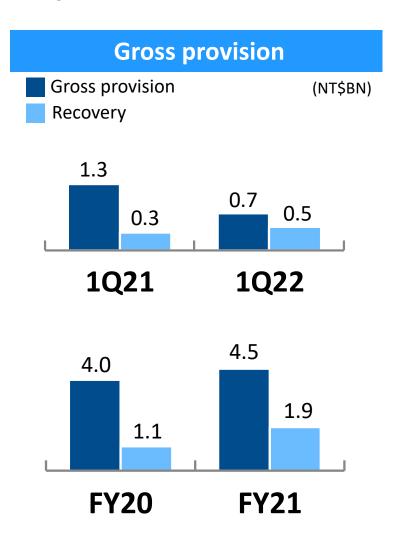
(2) China subsidiary was launched in Sep 2018. Hence, since 9M18, China subsidiary results was excluded.

國泰金控 Cathay Financial Holdings

#### **Cathay United Bank – Credit quality**

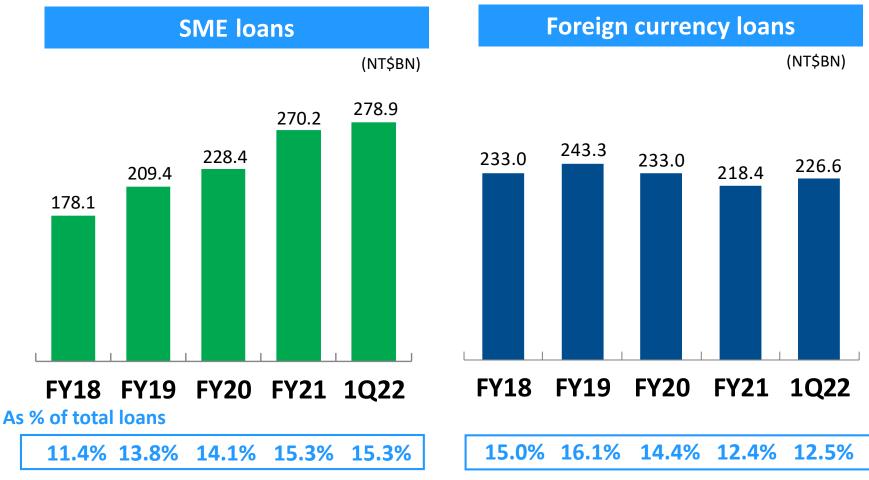
Asset quality remained benign with NPL at 0.08% and coverage ratio at 1944%.





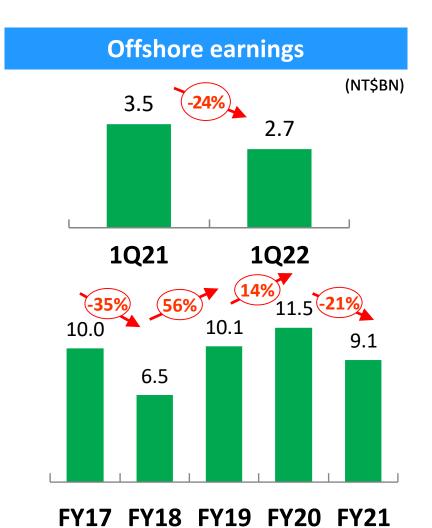
#### Cathay United Bank – SME & FX loans

- SME loans continued to show solid growth.
- Foreign currency loans grew 4% YTD while showing muted growth if excluding the impact from TWD depreciation.

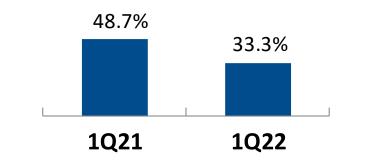


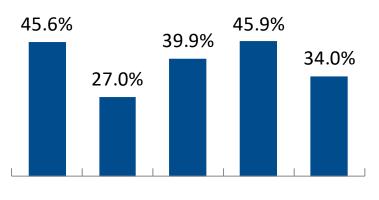
# **Cathay United Bank – Offshore earnings**

Offshore earnings declined mainly due to lower YoY investment income.



#### As % of CUB pre-tax profits



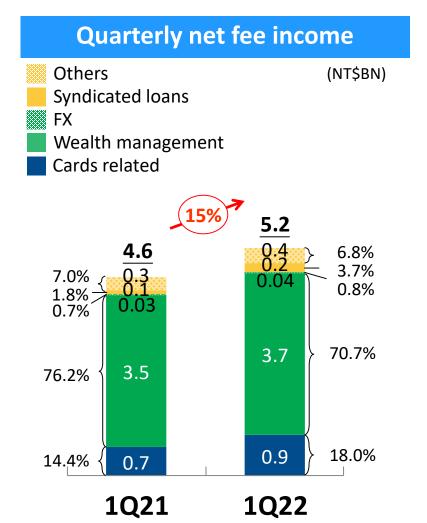


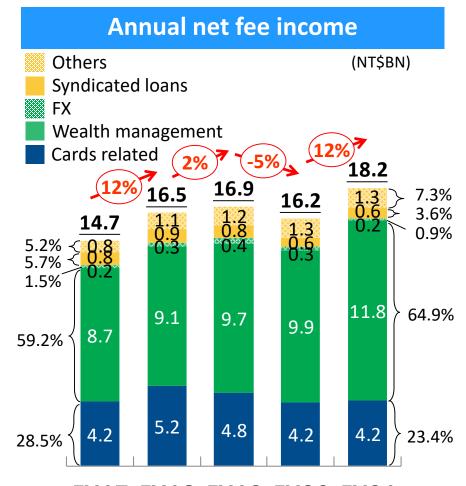
FY17 FY18 FY19 FY20 FY21



#### Cathay United Bank – Net fee income

Fee income grew 15% YoY, driven by successive wealth management fee growth, strong growth in credit card fees, and fee rebound from syndicated loans.





FY17 FY18 FY19 FY20 FY21



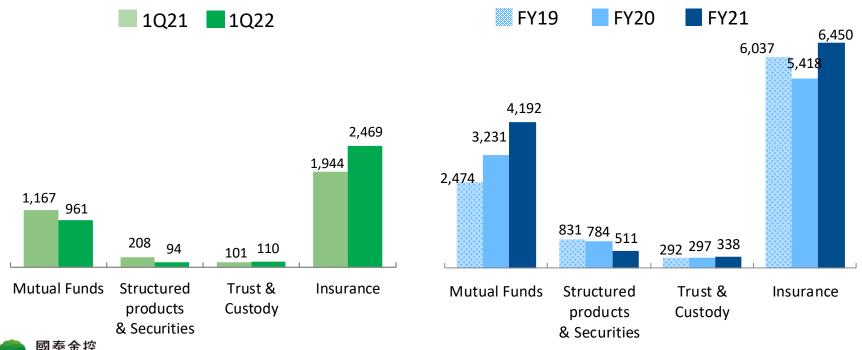
 $Note: China \ subsidiary \ was \ launched \ in \ Sep \ 2018. \ Hence, since \ 9M18, China \ subsidiary \ results \ was \ excluded.$ 

# **Cathay United Bank – Wealth management fees**

■ Wealth management fees increased 6% YoY, bolstered by strong growth in bancassurance fees.

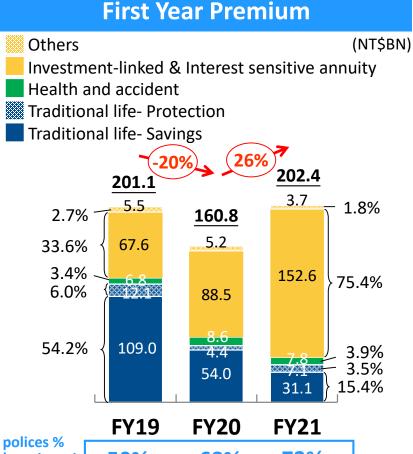
#### Wealth management fees breakdown

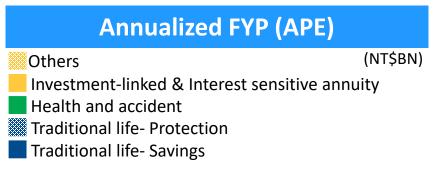
(NT\$MN)	1Q21	1Q22	FY19	FY20	FY21
Wealth management fee income	3,480	3,700	9,695	9,878	11,783
YoY growth (%)	9.9%	6.3%	6.9%	1.9%	19.3%

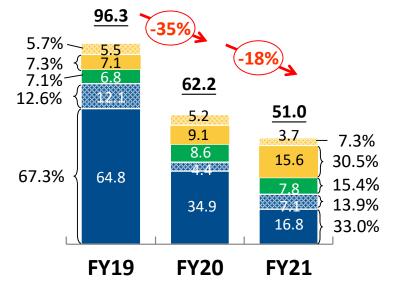


#### Cathay Life – Annual FYP & APE

- Substantial growth in investment-linked products (ILPs) led to 26% YoY growth in FYP.
- FYP of protection-type policies grew 15% YoY, supporting the contractual service margin (CSM).
- APE declined YoY, reflecting dominance of single-payment ILPs in FYP.





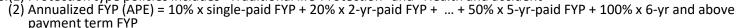


FX polices % (excl. Investmentlinked)

Cathay Financial Holdings

50% 68% 73%

Note:(1) Protection type policies includes "Traditional life-Protection" and "Health and accident"

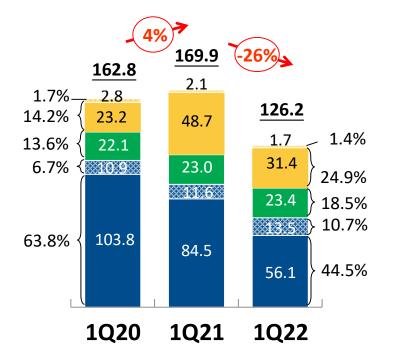


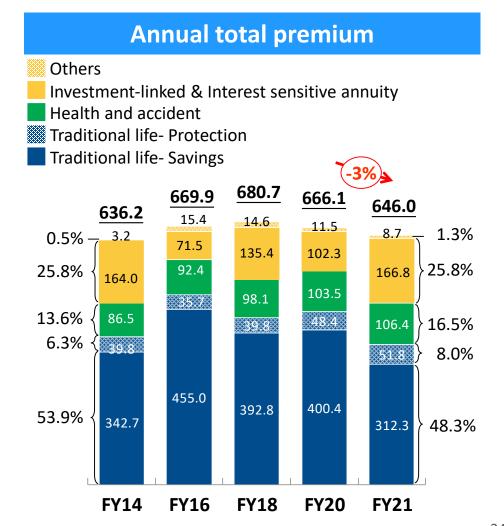
# **Cathay Life – Total premium**

Total premium declined YoY due to the high 1Q21 base for ILPs and lower renewal premium, reflecting the end of regular premium payment terms for some top-selling products.

#### Quarterly total premium

- Others
- Investment-linked & Interest sensitive annuity
- Health and accident
- Traditional life- Protection
- Traditional life- Savings







# Cathay Life – Quarterly FYP & APE

- FYP and APE declined YoY due to the high base period for ILPs in 1Q21, which saw favorable capital markets.
- FYP for protection-type policies grew 21% YoY, supporting the contractual service margin (CSM).



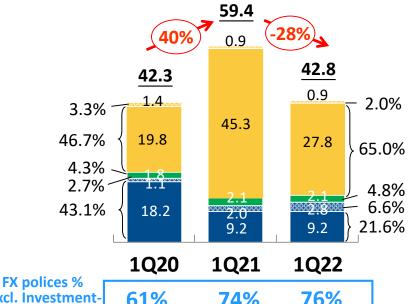
Others (NT\$BN)

Investment-linked & Interest sensitive annuity

Health and accident

Traditional life- Protection

Traditional life- Savings



#### **Annualized FYP (APE)**

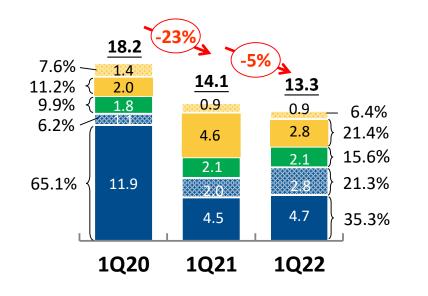
(NT\$BN) Others

Investment-linked & Interest sensitive annuity

Health and accident

Traditional life- Protection

Traditional life- Savings





61% 74% **76%** 

Note:(1) Protection type policies includes "Traditional life-Protection" and "Health and accident"

(2) Annualized FYP (APE) = 10% x single-paid FYP + 20% x 2-yr-paid FYP + ... + 50% x 5-yr-paid FYP + 100% x 6-yr and above payment term FYP

# Cathay Life – Value of new business

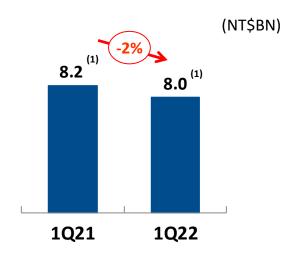
- VNB declined due to the higher 1Q21 base for sales volume of ILPs.
- □ VNB margin increased, attributable to continued efforts in growing high-CSM protection-type products.

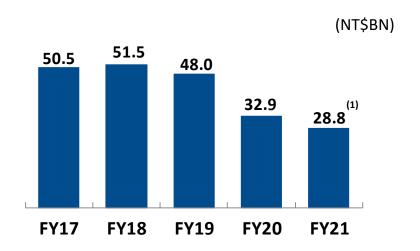
#### **Value for New Business**

Profit Margin	1Q21 <sup>(1)</sup>	1Q22 <sup>(1)</sup>
VNB/FYP	14%	19%
VNB/APE	59%	60%

#### **Value for New Business (annual)**

Profit Margin	FY17	FY18	FY19	FY20	FY21
VNB/FYP	22%	24%	24%	20%	14%
VNB/APE	64%	72%	50%	53%	56%





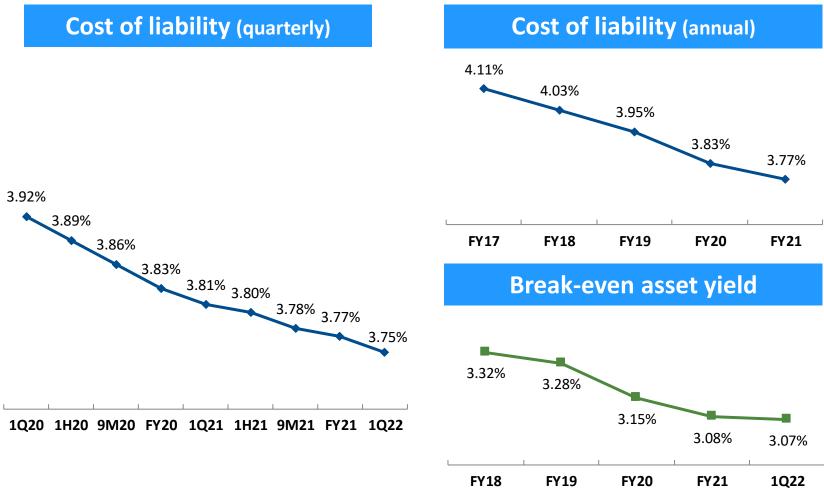
Note: (1) 1Q21, FY21 and 1Q22 VNB were based on 2021 Embedded Value assumptions.

(2) Based on 2020 Embedded Value assumptions, 1Q21 & FY21 VNB were NT\$8.3BN and NT\$28.8BN; VNB/FYP were both 14%, VNB/APE were 59% and 56%, respectively.



#### Cathay Life – Cost of liability and break-even asset yield

- Continued to strengthen value-driven strategy.
- Cost of liability and break-even asset yield continued to improve.



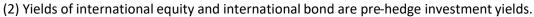
Note: The figures of cost of liability are reserve-based.

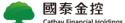


# **Cathay Life – Investment portfolio**

(NT\$BN)	FY19	FY20		FY21			1Q22		
Total investments <sup>(1)</sup>	6,415.0	6,945.1	7,254.1				7,209.2		
	Weight	Weight	Weight	Amount	Return	Weight	Amount	Return	
Cash & Cash equivalents	3.7%	4.8%	3.2%	234	0.2%	1.6%	115	0.2%	
Equity- Domestic	5.0%	6.3%	7.2%	519	20.9%	6.7%	485	10.5%	
Equity- International (2)	5.8%	5.9%	6.4%	465	11.6%	6.3%	454	8.8%	
Bond- Domestic	7.9%	8.0%	7.9%	572	1.7%	8.5%	615	2.2%	
Bond- International (1)(2)	58.9%	58.0%	58.5%	4,246	5.3%	59.9%	4,315	4.3%	
Mortgage & Secured loans	5.3%	4.5%	4.4%	308	1.4%	4.2%	302	1.9%	
Policy loans	2.7%	2.4%	2.3%	170	5.4%	2.3%	168	5.6%	
Real estate	8.2%	7.7%	7.4%	548	2.4%	7.6%	550	2.8%	
Others	2.6%	2.4%	2.6%	191		2.9%	206		

Note: (1) Total assets excluded separate account assets; international bond includes foreign currency deposit and related adjustments



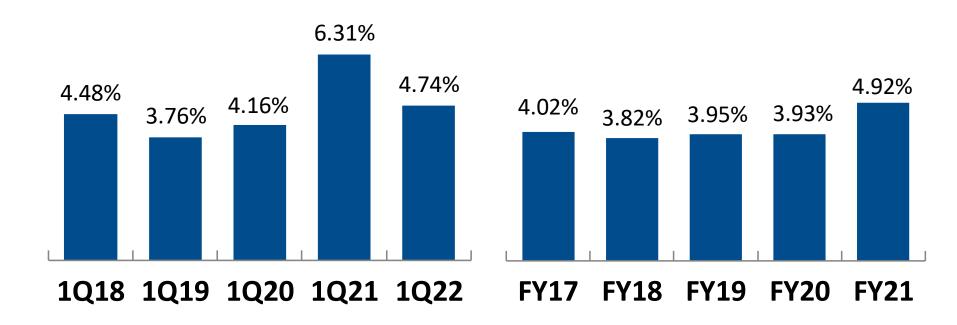


# **Cathay Life – Investment performance highlights**

After-hedging investment yield remained benign. The YoY decline was mainly due to the higher base period for investment gains and comparatively favorable financial markets in 1Q21.

After-hedging investment yield

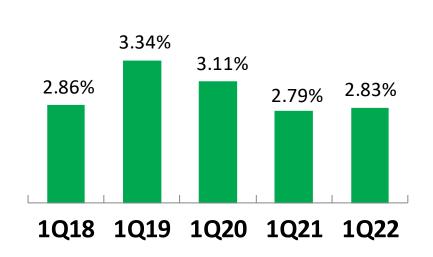
After-hedging investment yield



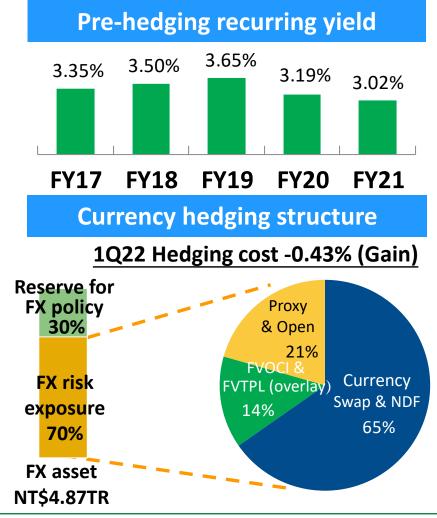
# **Cathay Life – Investment performance highlights**

- Pre-hedging recurring yield rose YoY. Overseas bond yield surged YTD, which should enhance recurring income.
- Hedging costs improved substantially with a gain of 0.43%, owing to TWD depreciation and effective proxy hedging.

#### Pre-hedging recurring yield

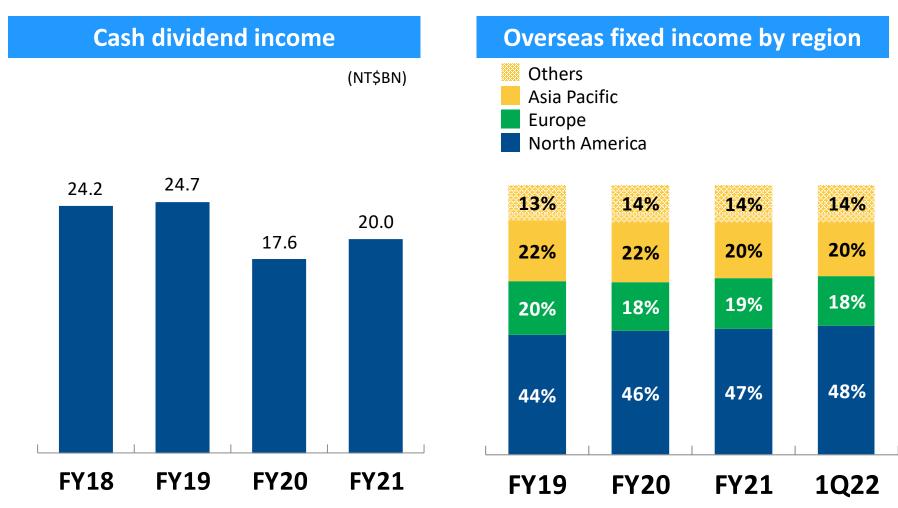


Note: Pre-hedging recurring income doesn't include capital gains but rental, interest revenue and cash dividend.



# Cathay Life – Cash dividend income & overseas fixed income by region

Diversified fixed-income investments across regions to balance risk and return.

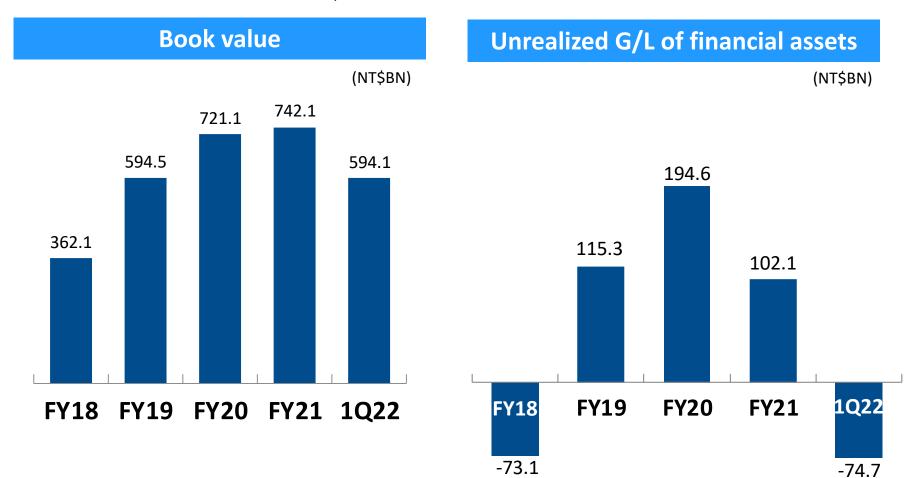




Note: Exclude overseas deposit.

# Cathay Life – Book value & unrealized G/L of financial assets

- Book value and unrealized G/L declined, reflecting rising bond yields and falling equity markets.
- Based on IFRS 17, book value increased by over NT\$100bn between 9M21 and 1Q22, as the decline in liabilities exceeded that in assets, with assets and liabilities each marked to market.

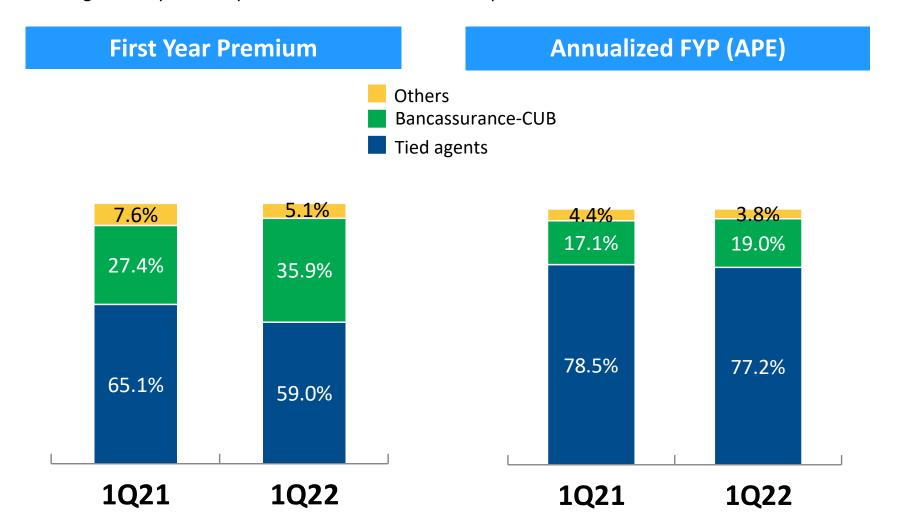




Note: FVOCI & FVTPL (overlay approach)

# **Cathay Life – Distribution channels**

Premium income was mainly generated by Cathay Life agents and Cathay United Bank. The group's strong sales capabilities provided solid contributions to premium income and VNB.

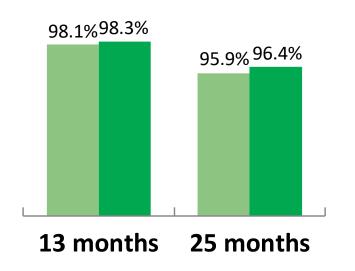


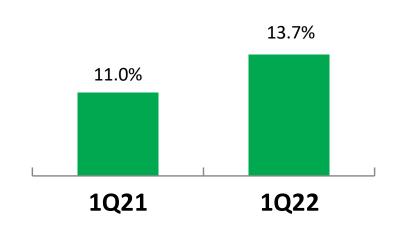
# **Cathay Life – Operational indicators**

□ Total expenses remained steady YoY while total premium declined, resulting in a higher expense ratio.









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Cathay United Bank Cathay Life

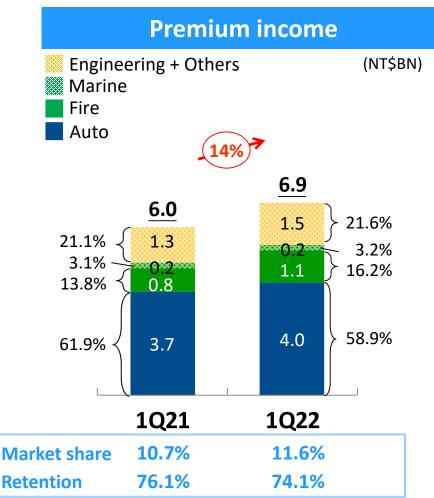
#### **Cathay Century**

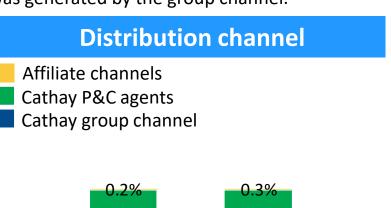
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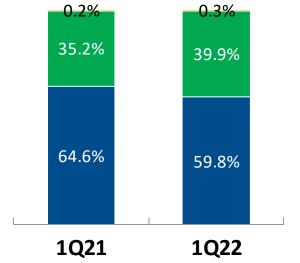


#### Cathay Century - Premium income & Distribution channel

- Premium income grew 14% YoY. Market share was 11.6%.
- Proportion of premium income generated by Cathay P&C agents increased to 40% in 1Q22. Benefiting from cross-selling synergy, 60% of premium income was generated by the group channel.







# **Cathay Century – Combined ratio**

Gross combined ratio and retained combined ratio declined due to the higher YoY base for loss ratio, resulting from relatively large claim events from commercial fire insurance in 1Q21.





# **Agenda**

- Introduction of Cathay FHC
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- Overseas Expansion
- Business Performance Summary

Cathay United Bank

Cathay Life

**Cathay Century** 

- Cathay Life Embedded Value & Appraisal Value
- Cathay's ESG Efforts
- Appendix



# **Embedded Value & Appraisal Value**

NT\$BN, except for per share figures

	2222/12/21	1913 biv, except for per share figures		
Valuation date	2020/12/31	2021/12/31		
In-force business investment yield	3.67% ~ Year 2040 4.70% for NTD policies 4.26% ~ Year 2040 5.31% for USD policies (Equivalent investment yield: 3.97% Rolling over to 2021: 4.03%)	3.75% ~ Year 2041 4.71% for NTD policies 4.36% ~ Year 2041 5.33% for USD policies (Equivalent investment yield: 4.069		
Risk discount rate	9.5%	9.5%		
Adjusted net worth	743	757		
Value of in-force business	633	717		
Cost of capital (CoC)	-232	-275		
Value of in-force business (After CoC)	401	442		
Embedded Value (EV)	1,144	1,199		
EV / per share	195.5(86.8)	204.9(91.0)		
Future one year's new business investment yield	2.55% ~ Year 2040 4.52% for NTD policies 3.95% ~ Year 2040 5.23% for USD policies	2.59% ~ Year 2041 4.55% for NTD policies 3.98% ~ Year 2041 5.25% for USD policies		
Value of future one year's new business (After CoC)	34.5	30.0		
Appraisal Value (AV)	1,446	1,462		
AV / per share	247.2(109.8)	249.9(111.0)		

Note: (1) EV/AV calculation does not include business of Cathay Life in China and Vietnam.

<sup>(2)</sup> per share = per share of Cathay Life; (per share) = per share of Cathay FHC

<sup>(3)</sup> The outstanding shares of Cathay Life in 2020 and 2021 are 5.85bn.

<sup>(4)</sup> The outstanding shares of Cathay FHC in 2020 and 2021 are 13.17bn.

<sup>(5)</sup> May not sum to total due to rounding.

# **Summary**

NT\$BN, except for per share figures

			ווטקווו	, except for pe	Silaic ligares
	Valuation date	2020	2021	Growth rate	1Q22
	Equity	714	734	3%	
	Adjusted net worth	743	757	2%	
Embedded	Value of in-force business (before CoC)	714   734   3%			
value	Cost of capital (CoC)	-232	-275	19%	
	Value of in-force business (after CoC)	ted net worth 743 757 2% of in-force business (before CoC) 633 717 13% of capital (CoC) -232 -275 19% of in-force business (after CoC) 401 442 10% dded value 1,144 1,199 5% ear premium (FYP) 160.8 202.4 26% 42.8 ear premium equivalent (FYPE) 62.2 51.0 -18% 13.3 of one year's new business (V1NB) 32.9 28.8 -12% 8.0 margin (V1NB/FYP) 20% 14% 19% margin (V1NB/FYPE) 53% 56% 60% margin (V1NB/FYPE) 41% 49% 47%			
	First year premium (FYP) 160.8 202.4 26% First year premium equivalent (FYPE) 62.2 51.0 -18%				
	First year premium (FYP)	160.8	202.4	26%	42.8
	First year premium equivalent (FYPE)	62.2	51.0	-18%	13.3
Value of one	Value of one year's new business (V1NB)	32.9	28.8	-12%	8.0
year's new	Profit margin (V1NB/FYP)	20%	14%		19%
business	Profit margin (V1NB/FYPE)	53%	56%		60%
	Profit margin (V1NB/FYP)(investment-	FYPE) 62.2 51.0 -18% 13.3 ss (V1NB) 32.9 28.8 -12% 8.0 20% 14% 19% 53% 56% 60% tment-	470/		
	linked(non-VUL)is excluded)	4170	49%		4770
Appraisal value	Multiple	8.8	8.8		
(20 years NB)	Appraisal value	1,446	1,462	1%	
Basic Value	EV / per share of Cathay FHC	86.8	91.0	5%	
per share	AV / per share of Cathay FHC	109.8	111.0	1%	

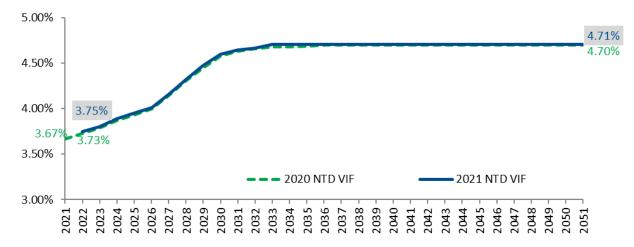
Note: (1) Basic EV and AV per share is based on weighted average of outstanding shares in 2020 and 2021, which is 13.17bn.

(2) Totals may not sum due to rounding.

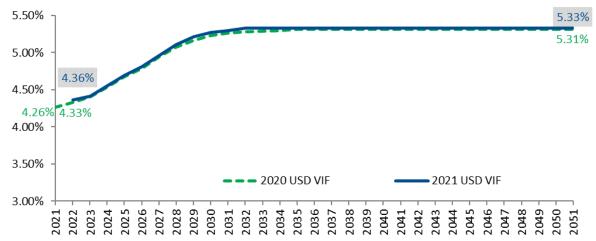


# **Economic Assumptions:** In-force business investment yield

■ Investment return assumptions for the value of in-force business of NTD-denominated policies as of the end of 2020 & 2021.

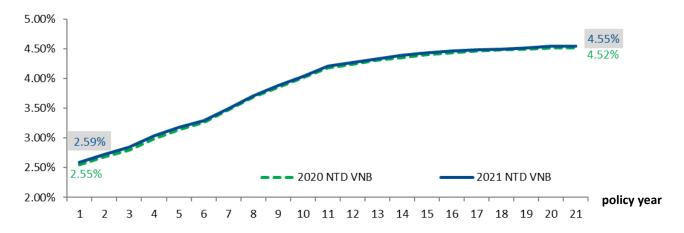


■ Investment return assumptions for the value of in-force business of USD-denominated policies as of the end of 2020 & 2021.

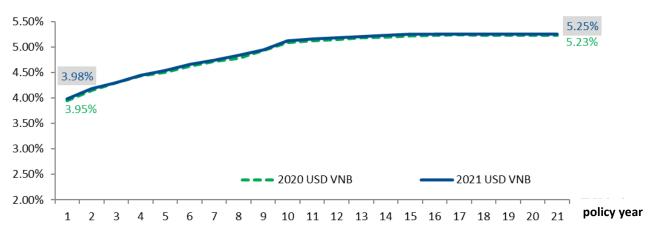


# Economic Assumptions: Future one year's new business investment yield

■ Investment return assumptions for the value of future one year's new business of NTD-denominated policies as of the end of 2020 & 2021.



Investment return assumptions for the value of future one year's new business of USD-denominated policies as of the end of 2020 & 2021.



# **Cost of Capital Projection and Non-economic Assumptions**

#### ■ RBC capital requirement:

Apply 2021 RBC formula announced by Insurance Bureau to project future capital requirement.

- 1. Capital Requirement = 200% RBC.
- 2. Risk-based capital calculation reflects company's current and future operation status.
- 3. Reflect RBC calculation changes in 2021:

C3 risk capital of traditional products is calculated as min[interest rate risk capital calculated based on one-year negative spread + (x+y)\*the highest C3 risk capital in the recent 5 years, ICS interest rate risk capital]

	x	у
Before	0.5	0
After	x is lifted from 0.6* to 1.2 annually	The value of y, which increases from 0.5 to 1.0 annually, should be applied if the ratio of the ICS interest rate risk capital divided by the RBC C3 risk capital in the recent year is greater than the level specified by the Insurance Bureau for each year.

<sup>\*:</sup> Cathay life voluntarily increased the x coefficient of 2021 to 0.7, where 0.6 is specified by the Insurance Bureau.

#### **■** Experience rate:

Experience Rate	Assumptions
Mortality Rate	In accordance with Cathay's most updated mortality trends.
Morbidity Rate	In accordance with Cathay's most updated morbidity trends and varied by product type.
Lapse Rate	In accordance with Cathay's most updated lapse rate trends and varied by product type.
Expenses assumption	In accordance with Cathay's most updated expense analysis and varied by product type; commissions are based on the actual commission rates.

■ PricewaterhouseCoopers Asia Actuarial Services provides an independent review of the actuarial assumptions on EV.

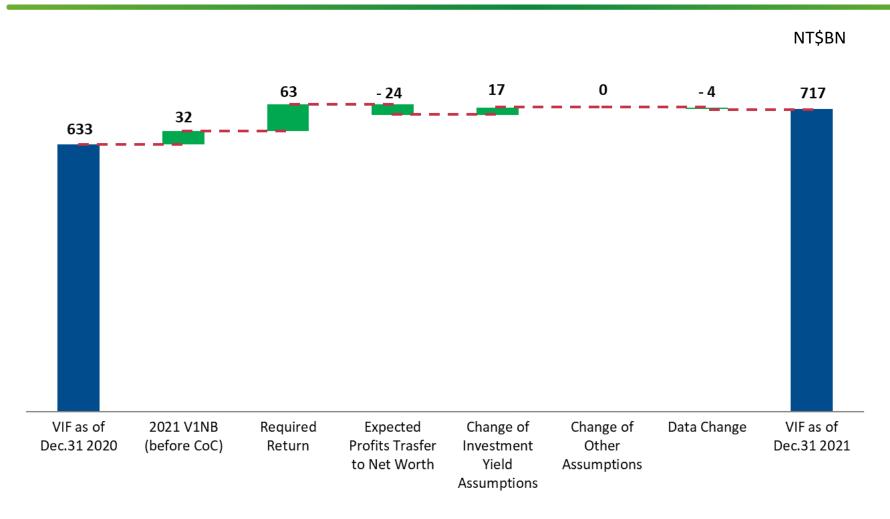
# **Analysis of change in Adjusted Net Worth (ANW)**

NT\$BN -90.5 112.2 -7.1 757.1 742.5 ANW as of Dec. 2020 Unrealized gains Others ANW as of Dec. 2021 2021 Profits from financial assets at FVOCI

+FVTPL (Overlay)



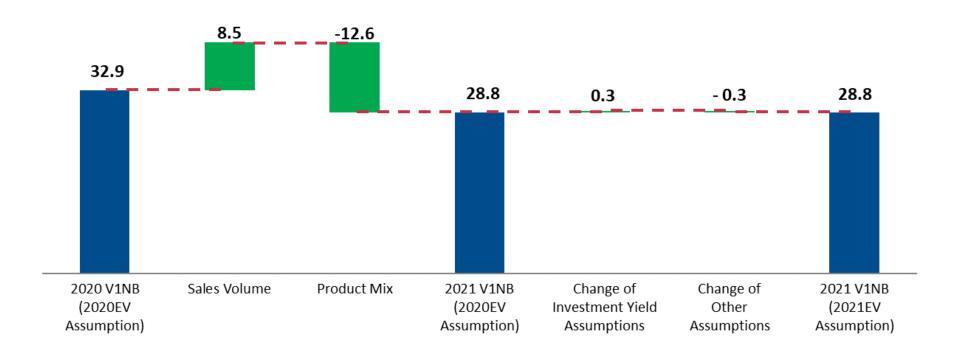
# Analysis of change in value of in-force business (VIF)



■ The value of one year new business (after CoC) of 2021 is 28.8 billion.

# Analysis of change in value of one year's new business (V1NB)

NT\$BN



# **Sensitivity Analysis**

NT\$BN, except for per share figures

Valuation date	2021/12/31						
Assumption	Investment yield – 0.25%	vield yield + yield + (Discount		Discount rate – 0.5%	Discount rate + 0.5%		
Adjusted net worth	757	757	757	757 757 757		757	
Value of in-force business	567	867	794	717	763	675	
Cost of capital (CoC)	-285	-265	-270	-275	-264	-285	
Value of in-force business (After CoC)	282	282 602 524		442 500		390	
Embedded Value	1,039	1,359	1,282	1,199	1,257	1,147	
EV / per share	177.6 (78.9)	232.2 (103.2)	219.0 (97.3)	204.9 (91.0)	214.7 (95.4)	196.1 (87.1)	
Appraisal Value	1,287	1,635	1,552	1,462	1,539	1,393	
Value of future one year's new business (After CoC)	26.7	33.3	31.8	30.0	32.5	27.7	
AV / per share	219.9 (97.7)	279.5 (124.2)	265.2 (117.9)	249.9 (111.0)	263.0 (116.9)	238.0 (105.8)	

Note: (1) "Investment yield +0.25% (capped)": the investment return is capped by 4.71% for NTD policies and 5.33% for USD policies.

<sup>(2)</sup> May not sum to total due to rounding.



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# **YoY Comparison**

Under different discount rate assumptions, the results of the Year 2020 & 2021 go as follows.

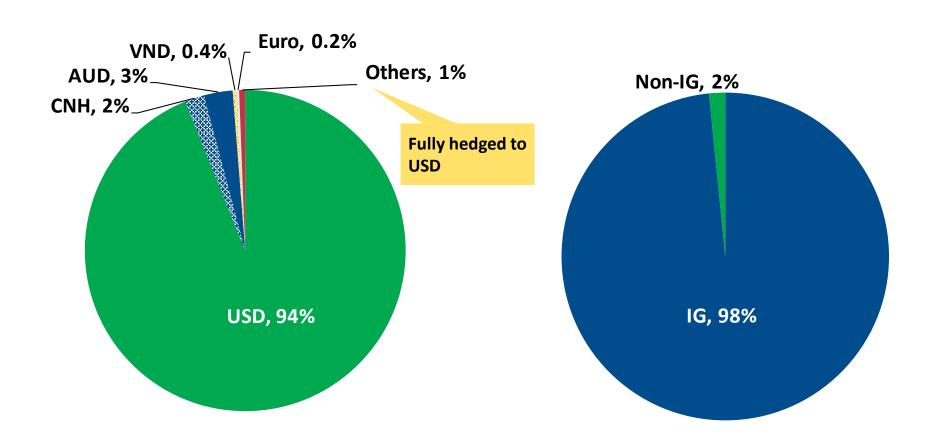
NT\$BN

Valuation date	2020/12/31	2021/12/31
Embedded Value	1,097~1,196	1,147~1,257
Value of future one year's new business	32.0~37.3	27.7~32.5
Appraisal Value	1,374~1,526	1,393~1,539

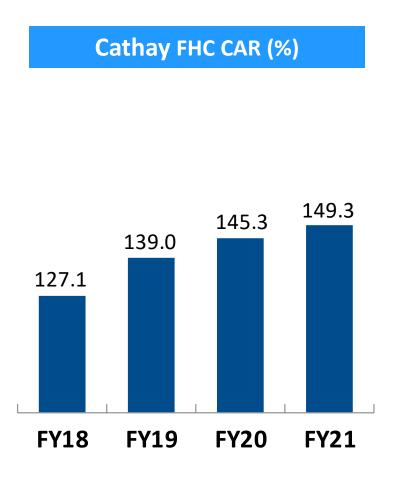
# Cathay Life – Overseas bond breakdown by currency and rating

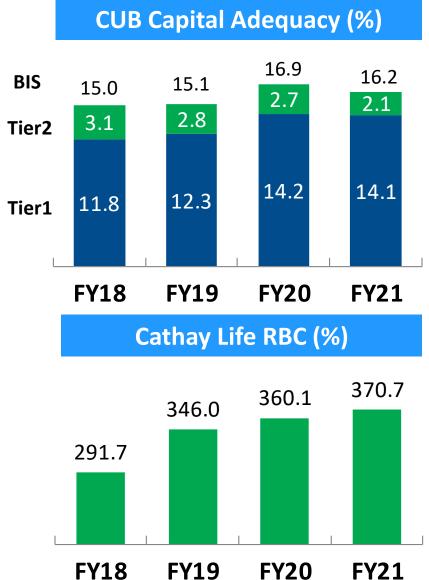
Overseas bond by currency (1Q22)

Overseas bond by rating (1Q22)



# **Capital adequacy**





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# Renowned corporate sustainability performance

Recognized by local regulatory authorities

Top-5%
Corporate Governance

Over 1,000 listed companies

**TWSE Corporate Governance Evaluation** 



Included in

FTSE4Good TIP Taiwan ESG Index
since 2017

Note: The FTSE4Good TIP Taiwan ESG Index is maintained by FTSE Russell and Taiwan Index Plus Corp. (TIP), a wholly owned subsidiary of Taiwan Stock Exchange.

Recognized by ESG ratings agencies

Member of

#### Dow Jones Sustainability Indices

Powered by the S&P Global CSA

Included in DJSI World & DJSI EM





AA

A- level









#### **Recognized by Media**



Top-10 World Corporate Citizen for **9** consecutive years, **Top-3** in 2021



**Global Views** 

for 3 consecutive year (Finance & Insurance)



2021 Taiwan Corporate Sustainability Awards



# Integrating sustainability into our business

Cathay integrates sustainability into major three business groups in accordance with the international sustainable frameworks.

# Insurance Banking PSI PRB

- Major Highlights
- ➤ In 2016, Cathay Life became the first Taiwanese life insurer voluntarily comply with the PSI.
- ➤ Cathay Century P&C Insurance adhered to PSI framework staring in 2017.

Team in-charge

Corporate Sustainability (CS) team at Cathay Life & Cathay Century Insurance

- CUB was the first Taiwanese bank to sign the Equator Principles (EPs) in 2015.
- ➤ In 2018, CUB committed to self-compliance with PRB to strengthen corporate sustainability.

Sustainable Finance Management Section at Cathay United Bank

# Asset Management

**PRI** 

- Conning Inc., fully owned by Cathay FHC, is the PRI signatory.
- Conning's subsidiaries Octagon Credit Investors and Global Evolution are also PRI signatories.

Responsible investments team under Cathay FHC CS committee

# Integrating ESG issues into all business processes

Business Processes	Risk Management	Products & Services	Operation	After-Sales Management	Investment
Integrating ESG into Business Process	<ul> <li>Consider ESG emerging risks</li> <li>Better manage climate risks and opportunities by following TCFD framework</li> <li>Set investment/lending limits and establish management procedures</li> </ul>	<ul> <li>Fintech and one-stop service</li> <li>Strengthen green finance and inclusive finance services</li> <li>Integrate ESG issues into underwriting and lending processes</li> </ul>	<ul> <li>Paperless         operations and         Fintech</li> <li>GHG inventory         and carbon         emission         reduction</li> <li>Water and         waste control</li> </ul>	<ul> <li>Review the product details and offer flexibility to customers following significant ESG incidents</li> <li>Trigger critical disaster claims mechanism following significant ESG incidents</li> <li>Disclose EPs projects</li> </ul>	<ul> <li>Exclusion policy</li> <li>ESG integration</li> <li>Sustainability-themed investing</li> <li>Corporate engagement and shareholders activism</li> <li>Investment mandate management</li> </ul>

# Integrating ESG into responsible investment and lending

#### **Investment/Lending Process**

#### **Engagements after Investment/Lending**

Investment & **Lending decision** Post-investment Negative/ exclusionary screening Dynamically manage ESG risks ESG annual review **Decline** Corporate engagement 2 ESG integration Exercise voting rights Encourage investees to improve Material ESG risks transparency **Post-lending** Investment/lending Investment — Controversial Financial & lending Dynamically manage ESG risks **Analysis** behaviors Manage according decision Monitor and manage intelligently with to ESG risks level Early Warning System ESG annual review Climate risks

#### Themed investment/lending

- Low carbon
- Infrastructure
- · Aging society and health
- Water resource Community and financial inclusion

#### 4 Impact investing

Invest to solve social and environmental problem and measure the results.

#### **6** Mandate investment management

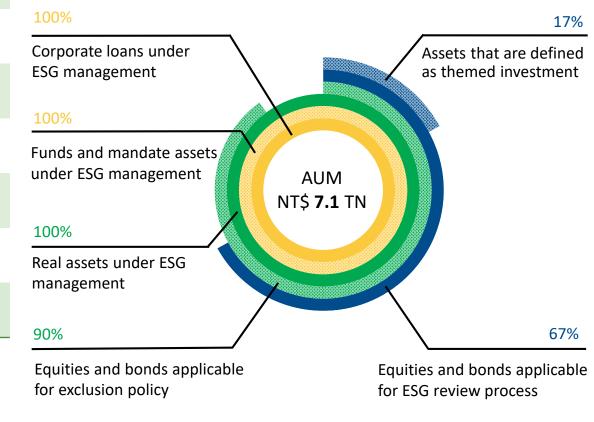
Check whether asset managers are PRI signatories and monitor their responsible investment performance

### Implementing responsible investment across multiple asset classes

#### **Responsible investment/lending policies**

- Responsible Investment and Lending Policy
- Investment and Lending Exclusion Policy
- Stewardship Policy
- Engagement Policy
- Voting Policy
- Rules Governing Project Finance and Equator Principles
- Responsible Property Investment and Management Policy
- Risk Management Policy

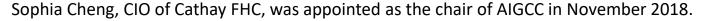
# NT\$7.1 TN assets under responsible investment and lending



# **Actively participating in Global ESG initiatives**

#### **Asia Investor Group on Climate Change (AIGCC)**

Cathay FHC joined AIGCC in 2016 and participates in monthly conference calls on global trends in climate change.



Cathay Life joined "Asian Utilities Engagement Program" initiated by AIGCC in 2021 to drive five Asian electric utilities toward net zero emissions transition



#### **Low Carbon Investment Registry**

Cathay FHC is the only Taiwan financial institution to join the Low Carbon Investment Registry, initiated by GIC in 2014.

Total low carbon investment registered in 2020 reached US\$ 7.12 billion.



#### **Climate governance initiatives**

Cathay FHC has been a signatory of "Global Investor Statement to Governments on Climate Change" since 2014, urging governments of the G7 and G20 nations to fulfill their commitments to Paris Agreement.

Signed "The Investor Agenda" in 2018 to support low carbon investment, corporate engagement, TCFD climate disclosures, and policy advocacy.

Supported TCFD initiative since 2018, actively managing climate-related risks.





# **Engaging with investee companies on ESG improvement**

#### **Engagement policies and strategies**

Cathay defined "climate change" and "ESG" as the main engagement strategy.

Aimed to strengthen Taiwan corporates' awareness and capability in response to climate risks and opportunities.

Urged Taiwan corporates to enhance ESG disclosures in line with global standards.

**ESG**Improvement

#### Investee engagement

More than 700 signatories with AUM over USD 68 trillion have joined Climate Action 100+ to engage 167 systemically important emitters and encourage them to curb emissions, improve governance and strengthen climate-related financial disclosures. Cathay Life and Cathay SITE are only two signatories in Taiwan.

All the three Taiwanese companies Cathay engaged have committed Net Zero/Carbon Neutrality.



#### **CDP non-disclosure campaign**

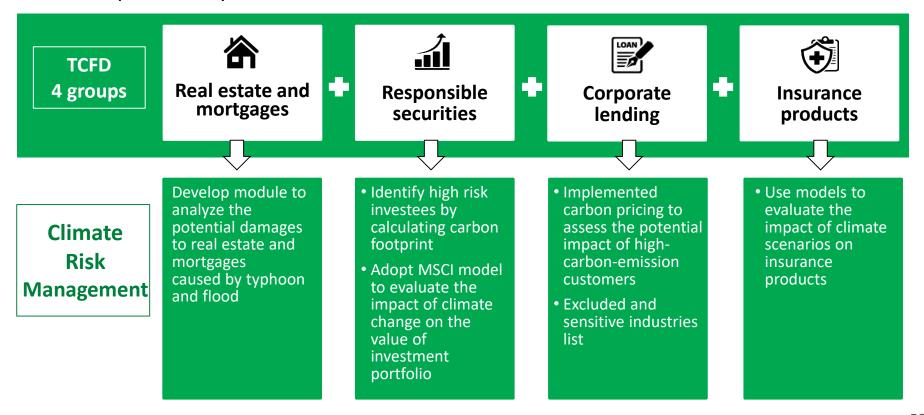
Cathay is the only financial institution in Taiwan that has participated in the CDP Non-Discloser Campaign for 4 consecutive years, encouraging Cathay's investee companies to respond to CDP questionnaires.

Cathay has successfully engaged 25 companies since 2017; 65% of these companies improved their CDP scores in the following year.



# Integrating climate risks/opportunities into businesses

- □ Divide TCFD task force into 4 groups monitoring Group's major asset and liability.
- Analyze potential risks and opportunities from climate risks, research the impact on business, and formulate response measures and strategies.
- Report the risk assessment and supervision progress to CRO each month and to the Board periodically.



## Hastening positive environmental change with green products

#### Pioneers in renewable energy financing



#### **Wind Power**



#### **Solar Power**



Total capacity of financed solar power stations and wind turbines as of the end of 2020

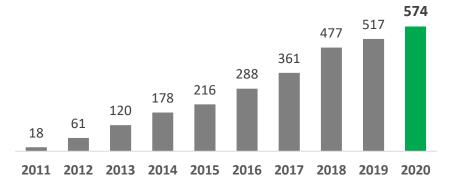
1,342 MW



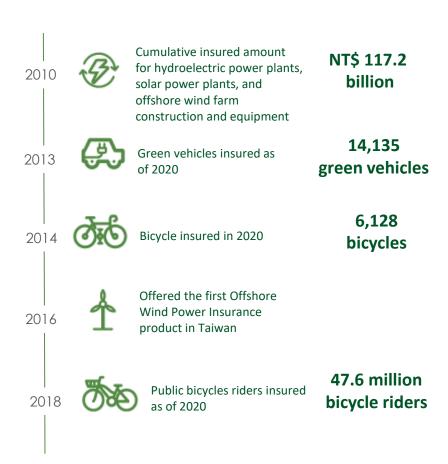
Expected CO2 emissions reduction per years

1.6 million metric tons

# Total capacity of loan-financed solar power stations installed in Taiwan and overseas (MW)



#### First in the industry – Green Insurance



# Cathay FHC's commitment to net-zero carbon emissions

**2018** Began disclosing carbon footprints in the investment portfolio.

2019 CUB ceased extending loans for both new and existing coal-fired power generation projects. Cathay Life Insurance excluded power generation companies from investment in cases where over 50% of revenue comes from coal-fired power generation without active transition to renewable energy.

**2020** Integrated carbon-reduction performance into CEO's KPI.

2022 Committed to setting science-based targets (SBTs).

Became an RE100 member.

2025 100% renewable energy goal for headquarters of Cathay FHC, Cathay Life, CUB, and Cathay Century.

2030 100% renewable energy goal for all business operation sites in Taiwan.

2050 Net-zero carbon emissions goal



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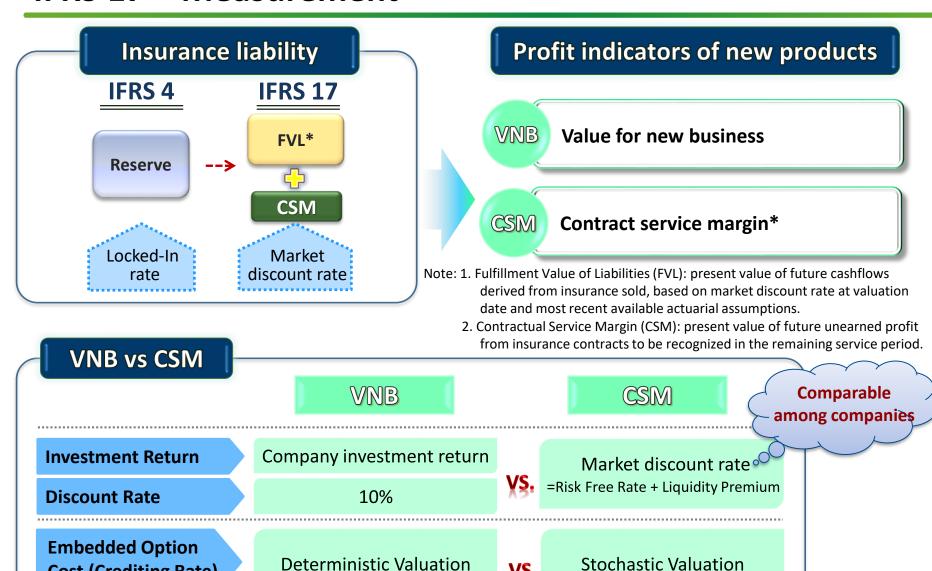
Cathay Life

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#### IFRS 17 – Measurement



VS.

**Cost (Crediting Rate)** 

# IFRS 17 – Adoption date

#### **Retrospective Approach**

Retrospect IFRS17 to policy underwriting date. This requires full historic data throughout adoption date

If Impracticable

Apply "Modified Retrospective " or "Fair Value" Approach

#### **Modified Retrospective Approach**

Use reasonable and supportable information to derive similar results to Retrospective Approach

#### **Fair Value Approach**

The impact of legacy book can be offset by new book

Note: Legacy book - contracts with guaranteed rates ≥ 4% New book - contracts with guaranteed rates < 4%

# **Accounting impact from IFRS 17**

- □ IFRS 17 implementation changes the measurement of insurance liability. It does not affect the value of insurance contracts but affects the timing of profit recognition for insurance services.
- Insurers need to mark to market both assets and liabilities.
- It may increase the volatility of shareholders' equity, hence asset-liability management expertise is critical.

# **IFRS 17 impact & preparation**

## **Benefiting from IFRS 17**

- The impact from legacy book is fully reflected on adoption date
- Reduce the interest expense of insurance liability thereafter



# Value-driven product strategy

#### **CSM-focused products**

- Protection products with superior CSM margin (CSM/FYP)
- Savings products with positive CSM

# **Capital plan**

#### Capital market volatility and IFRS 17 adoption

- Build adequate capital buffer
- Early preparation ahead of the industry

# **Healthier Industry development**

- Better risk-pricing disciplines among competitors restore industry profit margins
- Strong ALM expertise is critical for achieving stable financial performance







Cathay Financial Holdings (NT\$MN)				FY21/ FY20			1Q22/ 1Q21
Income Statement Data (Consolidated)	FY19	FY20	FY21	% Chg	1Q21	1Q22	% Chg
Operating Income							
Net interest income	196,367	190,930	194,882	2%	48,052	50,042	4%
Net commission and fee	2,346	7,244	12,649	75%	2,732	4,263	56%
Net earned premium	631,487	602,806	524,187	-13%	132,619	107,317	-19%
Change in liability reserve	(394,074)	(462,094)	(377,408)	-18%	(103,848)	(71,021)	-32%
Net claims payment	(365,669)	(289,808)	(305,703)	5%	(67,388)	(77,578)	15%
Investment income	89,797	124,347	190,944	54%	71,438	58,799	-18%
Contribution from associates-equity method	1,149	(12,085)	1,807	115%	567	428	-25%
Other net non-interest income	411	6,480	7,197	11%	1,588	(11,195)	-805%
Bad debt expense	(2,205)	(3,178)	(3,484)	10%	(1,322)	(48)	-96%
Operating expense	(89,050)	(83,027)	(85,543)	3%	(20,574)	(21,200)	3%
Income before taxes	70,557	81,616	159,526	95%	63,864	39,808	-38%
Income taxes	(6,698)	(5,658)	(18,637)	229%	(6,297)	(5,433)	-14%
Net income	63,859	75,958	140,889	85%	57,567	34,375	-40%
EPS (NT\$)	4.76	5.41	10.34		4.36	2.60	
Dividend Payout							
Cash dividend per share	2.00	2.50	3.50				
Stock dividend per share	0.00	0.00	0.00				
Weighted average outstanding shares (Millions of common shares)	12,618	13,169	13,169				
Balance Sheet Data (Consolidated)							
Total assets	10,065,479	10,950,472	11,594,361		11,080,842	11,709,049	
Total shareholders' equity	782,027	904,776	914,039		864,825	766,879	
Equity attributable to parent company	771,747	893,061	902,038		853,755	754,727	
Operating Metrics							
ROAE (Consolidated)	9.74%	9.01%	15.49%		26.02%	16.36%	
ROAA (Consolidated)	0.66%	0.72%	1.25%		2.09%	1.18%	
Double leverage ratio(inc. preferred stock)	110%	111%	113%		111%	115%	
Capital Adequacy Metrics							
Capital Adequacy Ratio	139%	145%	149%				

<sup>(1)</sup> All data and information on this page is provided for informational purposes only, and may subject to adjustment. For more details, please refer to our official financial reports.

<sup>(2)</sup> Total may not sum due to rounding.



Cathay Life				FY21/			1Q22/
(NT\$MN)				FY20			1Q21
Income Statement Data (Consolidated)	FY19	FY20	FY21	% Chg	1Q21	1Q22	% Chg
Net written premium	608,641	580,261	499,102	-14%	127,243	101,238	-20%
Net earned premium	607,820	579,563	498,398	-14%	127,786	101,947	-20%
Reinsurance commission earned	356	533	388	-27%	5	7	45%
Fee income	8,450	8,701	10,715	23%	2,494	2,698	8%
Recurring investment income	228,037	212,247	214,968	1%	49,199	51,880	5%
Gain on disposal of investment							
Realized gain (loss)-Equity	38,929	74,997	116,191	55%	47,132	17,175	-64%
Realized gain (loss)-Debt	36,365	64,964	63,127	-3%	28,452	10,991	-61%
Gain on investment property	912	1,881	1,106	-41%	(12)	550	4787%
FX and others, net	(61,689)	(90,182)	(46,445)	48%	(15,287)	6,071	140%
Investment income, net	242,553	263,907	348,947	32%	109,485	86,667	-21%
Other operating income	6,107	6,978	8,754	25%	1,950	2,015	3%
Separate account revenues	63,653	73,396	77,919	6%	39,233	(310)	-101%
Net claims payment	(349,158)	(273,049)	(287,850)	5%	(64,204)	(74,530)	16%
Changes in liability reserves	(393,679)	(462,233)	(376,771)	-18%	(103,606)	(70,607)	-32%
Acquisition and commission expense	(43,834)	(35,815)	(34,445)	-4%	(8,761)	(7,961)	-9%
Other operating costs	(6,394)	(6,635)	(8,056)	21%	(1,878)	(1,676)	-11%
Financial cost	(2,730)	(2,501)	(3,114)	25%	(736)	(859)	17%
Separate account expense	(63,653)	(73,396)	(77,919)	6%	(39,233)	310	-101%
Operating expense	(30,692)	(29,565)	(32,448)	10%	(7,905)	(8,476)	7%
Net non-operating income	1,710	1,589	1,563	-2%	412	458	11%
Income taxes	(2,216)	1,209	(12,916)	1168%	(5,175)	(3,606)	-30%
Net income	38,293	52,682	113,166	115%	49,867	26,076	-48%
Balance Sheet Data							
Total assets	7,085,624	7,675,559	8,073,161		7,770,034	8,086,799	
General account	6,478,081	7,033,875	7,348,951		7,098,919	7,372,110	
Separate account	607,542	641,685	724,210		671,115	714,690	
Reserves for life insurance liabilities	5,683,424	6,085,534	6,413,221		6,187,240	6,550,721	
Total liabilities	6,491,106	6,954,433	7,331,028		7,096,306	7,492,741	
Total shareholders' equity	594,518	721,126	742,133		673,727	594,059	
Equity attributable to parent company	588,619	713,727	734,443		666,603	586,304	
Operating Metrics (Standalone)							
First Year Premium(FYP)	201,064	160,771	202,394		59,449	42,801	
First Year Premium Equivalent(FYPE)	96,313	62,182	50,997		14,067	13,322	
Expense ratio	10.6%	9.5%	11.2%		11.0%	13.7%	
13-M persistency ratio	98.0%	98.1%	98.4%		98.1%	98.3%	
25-M persistency ratio	96.4%	95.5%	96.3%		95.9%	96.4%	
ROAE	8.01%	8.01%	15.47%		28.60%	15.61%	
ROAA	0.57%	0.71%	1.44%		2.58%	1.29%	
Capital Adequacy Metrics (Standalone)							
RBC ratio	346%	360%	371%				
	3.570	00070	3 70				

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#### **Cathay United Bank**

(ALTORALI)			FY21/ FY20					
(NT\$MN)	FY19	FY20	FY21	F 120 % Chg	1Q21	1Q22	1Q21 % Chg	
Income Statement Data (Consolidated)	1113	1120		/0 Ong	1921	1922	70 Ong	
Operating Income  Net interest income	36,446	35,223	38,539	9%	9,212	10,160	10%	
Fee income	17,090	16,331	18,346	12%	9,212 4,617	5,283	14%	
Investment income	8,996	9,482	6,956	-27%	2,364	1,255	-47%	
Other income	594	855	502	-21 % -41%	2,304	1,233	21%	
Net operating income	63,126	61,891	64,342	4%	16,305	16,832	3%	
Operating expenses	(33,806)	(32,686)	(33,877)	4%	(7,756)	(8,231)	6%	
Pre-provision profit	29,320	29,205	30,466	4%	8,548	8,601	1%	
Net provisions for possible losses	(2,853)		(2,986)	-12%		(296)	-76%	
Income before taxes	( <del>2,853)</del> 26,467	(3,382) 25,823	( <del>2,986)</del> 27,480	-12% 6%	(1,245) 7,304	8,305	-76% 14%	
Income tax Net income	(3,981) 22,486	(3,512) 22,311	(3,671) 23,808	5% 7%	( <mark>900)</mark> 6,404	(1,432) 6,872	59% 7%	
	22, 100	22,011	20,000	. 70	3, 13 1	0,0.2	. ,0	
Balance Sheet Data Total assets	2,973,496	3,229,460	3,499,323		3,273,976	3,598,439		
Loans, net	1,553,151	1,661,296	1,807,077		1,743,601	1,870,624		
Financial assets	897,677	1,001,290	1,110,788		1,057,436	1,233,934		
Total liability	2,741,601	2,982,805	3,248,596		3,021,528	3,347,604		
Deposits	2,335,331	2,648,995	2,935,694		2,696,407	2,987,059		
Financial Debenture Payable	53,900	53,800	46,800		52,300	47,361		
Total shareholders' equity	231,895	246,656	250,727		252,447	250,835		
Equity attributable to parent company	227,486	242,297	246,351		248,453	246,365		
Operating Metrics								
Cost income ratio	53.55%	52.81%	52.65%		47.57%	48.90%		
ROAE	10.27%	9.32%	9.57%		10.26%	10.96%		
ROAA	0.77%	0.72%	0.71%		0.79%	0.77%		
Access Overlity (Standalana)								
Assets Quality (Standalone) NPL	2,286	2,274	1,578		3,233	1,478		
NPL ratio	0.15%	0.14%	0.09%		0.19%	0.08%		
NPL provisions	25,983	26,846	28,064		27,583	28,721		
Coverage ratio	1137%	1180%	1778%		853%	1944%		
Capital Adequacy Metrics (Standalone)								
BIS ratio	15.1%	16.9%	16.2%					
Tier I Ratio	12.3%	14.2%	14.1%					
LDR (Standalone)								
LDR	65.5%	62.5%	61.4%		64.4%	62.2%		
TWD LDR	70.1%	69.7%	69.2%		71.7%	71.1%		
FX LDR	48.8%	38.7%	34.1%		39.6%	33.1%		
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#### **Cathay Century**

				FY21/			1Q22/
(NT\$MM)				FY20			1Q21
Income Statement Data (Consolidated)	FY19	FY20	FY21	% Chg	1Q21	1Q22	% Chg
Premium income	25,343	25,498	28,015	10%	6,057	6,936	15%
Net written premium	19,550	19,413	20,718	7%	4,609	5,145	12%
Net earned premium	19,077	18,848	19,903	6%	4,550	5,221	15%
Reinsurance commission earned	572	572	857	50%	142	210	48%
Fee income	42	45	46	1%	12	13	15%
Investment	1,020	1,254	1,363	9%	480	543	13%
Interest income	555	546	539	-1%	136	153	13%
Other investment income, net	465	708	824	16%	345	390	13%
Other operating income	0	0	0	0%	0	34	0%
Net claims payment	(10,321)	(10,669)	(10,470)	-2%	(2,474)	(2,522)	2%
Changes in liability reserves	(395)	139	(637)	558%	(242)	(414)	71%
Commissions and other operating costs	(3,409)	(3,411)	(3,765)	10%	(836)	(886)	6%
Operating expenses	(4,097)	(4,224)	(4,772)	13%	(1,068)	(1,237)	16%
Operating income	2,490	2,553	2,525	-1%	564	962	71%
Net non-operating income	5	5	42	671%	(1)	(2)	-28%
Income taxes	(389)	(385)	(392)	2%	(71)	(125)	75%
Net income	2,106	2,174	2,175	0%	491	836	70%
Balance Sheet Data							
Total assets	43,008	44,298	49,900		45,849	49,910	
Total stockholders' equity	12,656	13,130	14,447		13,808	14,573	
Operating Metrics							
Gross Combined ratio	84.8%	83.2%	87.1%		102.4%	84.1%	
Net Combined ratio	93.0%	92.9%	92.1%		97.6%	92.8%	
ROAE	18.57%	16.86%	15.78%		14.59%	23.04%	
ROAA	5.19%	4.98%	4.62%		4.36%	6.70%	
Capital Adequacy Metrics							
RBC ratio (Standalone)	339%	323%	284%				

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