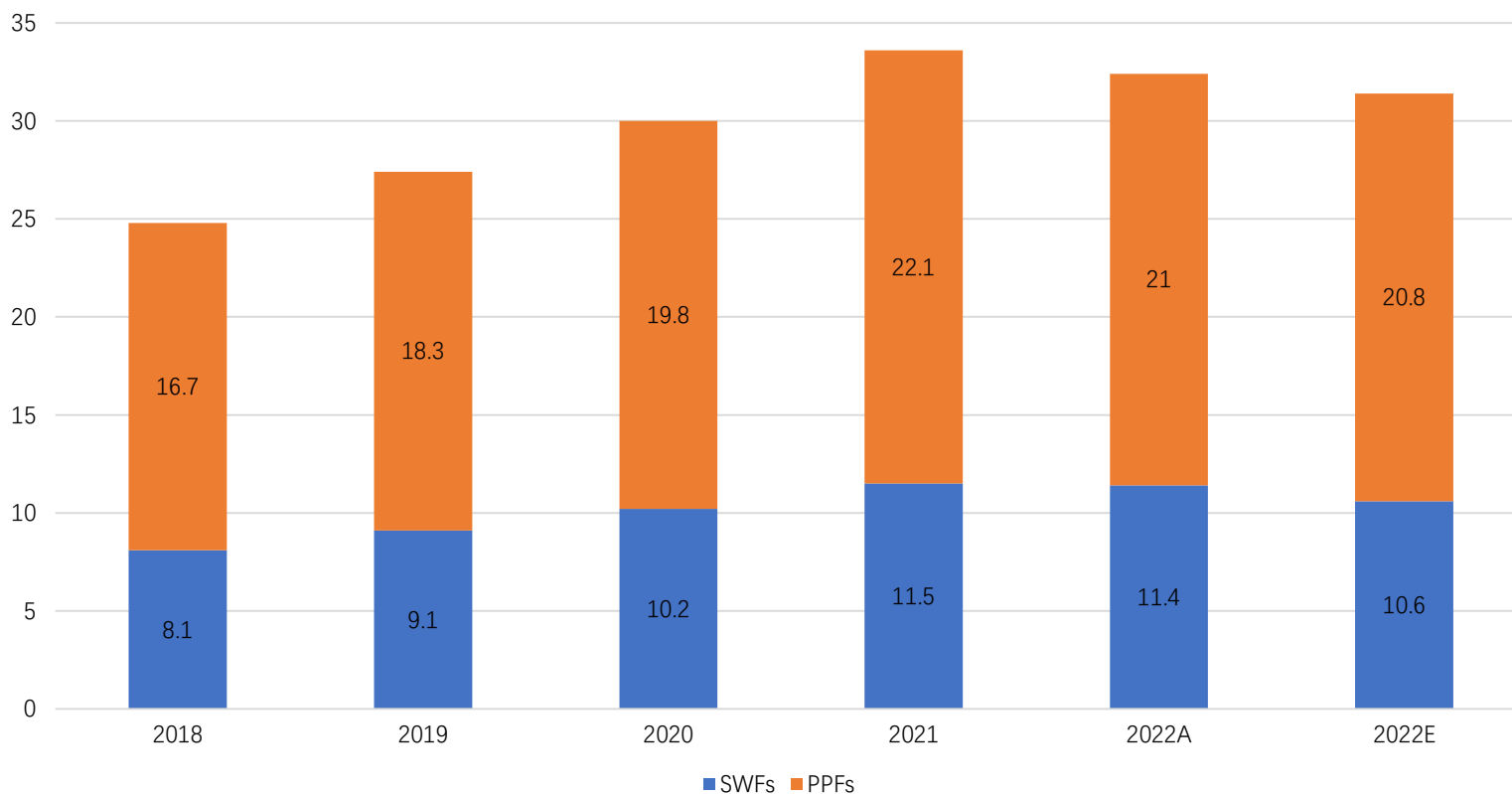

Global Sovereign Wealth Funds and Country Experience: CIC

Dr. Guobo HUANG
Oct. 2023

**□ I/ Global SWFs:
An overview**

Aggregate scales of global SWFs and principle pension funds (USD billion, later referred to as institutions)



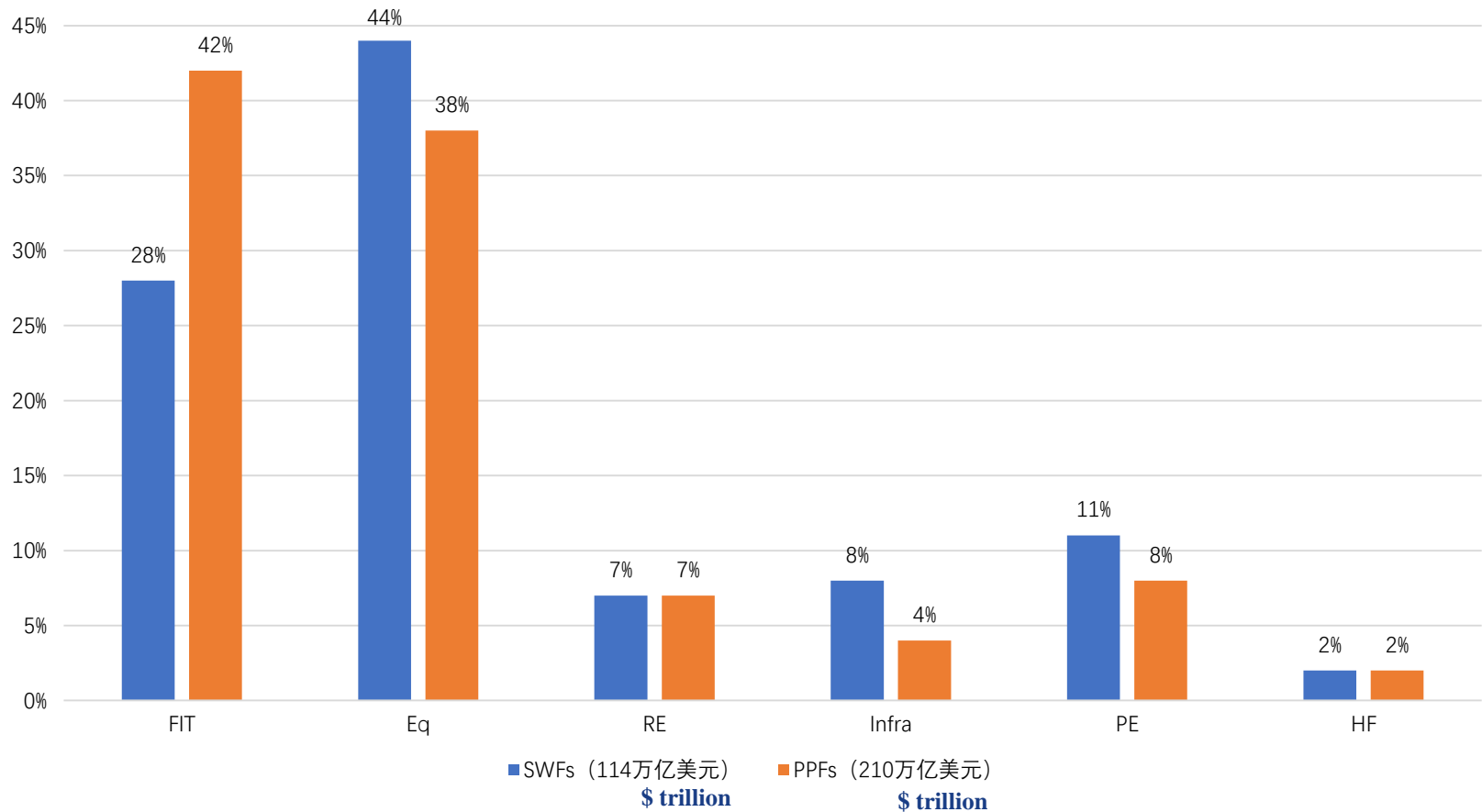
Data source: Global SWF

□ Year of establishment and AUM by 2022

SWF	Country	Year	AuM \$b
CIC	China	2007	1,351
NBIM	Norway	1997	1,145
ADIA	UAE - Abu Dhabi	1967	993
SAFE IC	China	1997	980
KIA	Kuwait	1953	769
GIC	Singapore	1981	690
PIF	Saudi Arabia	1971	620
HKMA EF	China - HKSAR	1993	500
NSSF	China	2000	474
QIA	Qatar	2005	450
ICD	UAE - Dubai	2006	300
Temasek	Singapore	1974	298
Mubadala	UAE - Abu Dhabi	1984	284
KIC	South Korea	2005	205
NWF	Russia	2008	187
ADQ	UAE - Abu Dhabi	2018	157
Future Fund	Australia	2006	157
PPF	Country	Est	AuM \$b
GPIF	Japan	2006	1,325
FRTIB	USA	1986	690
NPS	South Korea	1988	608
APG	Netherlands	1922	522
CalPERS	USA - CA	1932	430
CPP	Canada	1997	387

Data source: Global SWF; annual reports

Asset allocation of top 50 institutions, 2022



Data source: Global SWF

□ Changes in asset allocation of SWFs

- Compared to 2018, in 2023 proportion of SWFs investing in PE and private debts increased by 16 and 10 percentage points respectively



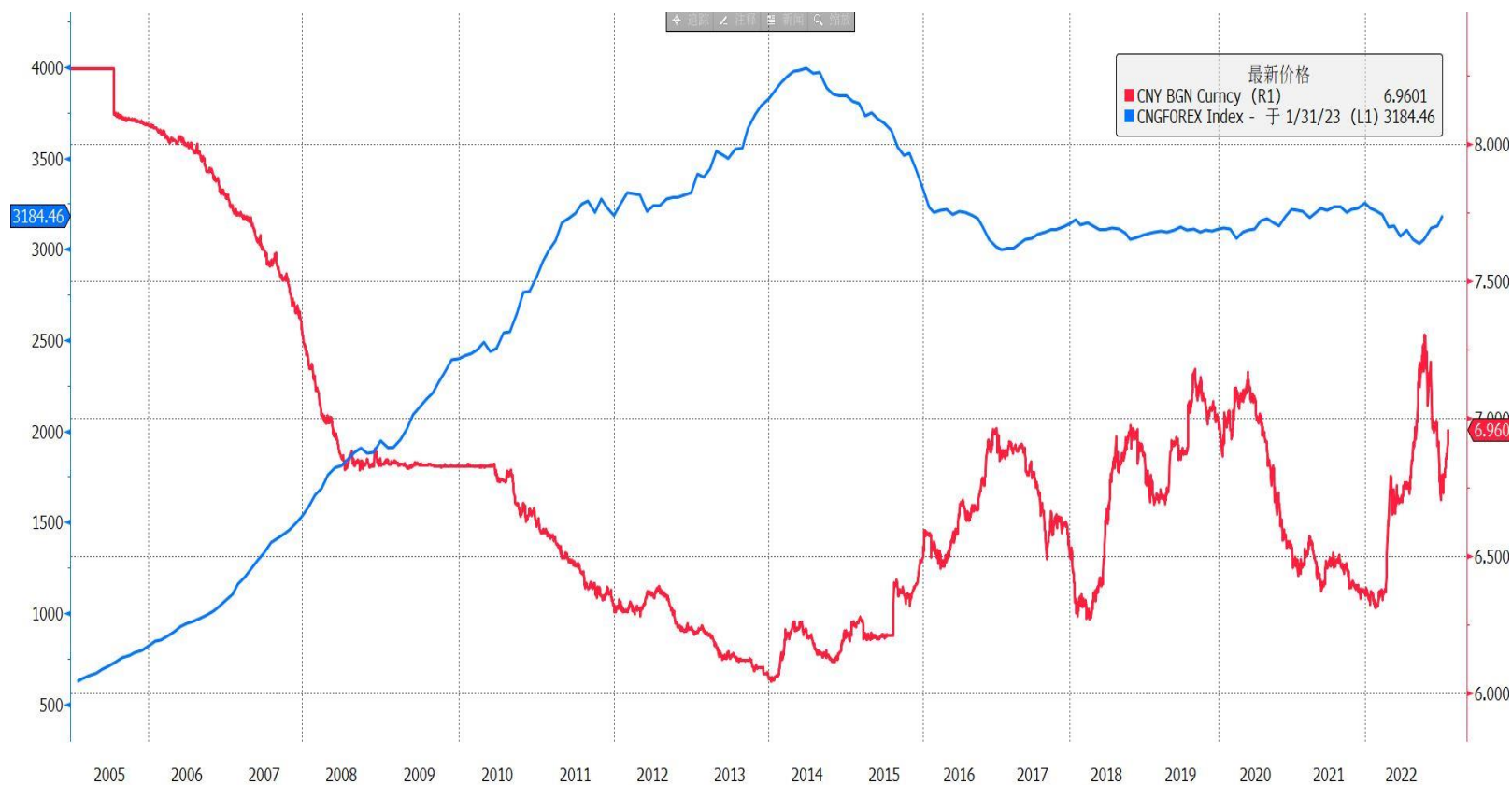
□ Performance of selected institutions (annualized return %)

	2022	Last 3 years	Last 5 years	Last 10 years
Temasek	-2.35	8.33	5.48	6.28
NBIM	-14.11	2.92	4.19	6.70
CPP	2.68	9.51	8.51	9.51
CalPERs	-0.15	6.68	6.68	7.63
Japan GPIF	2.48	9.96	5.7	5.88

Data source: Annual Reports

**□ II/ Country experience:
China Investment Corporation (CIC)**

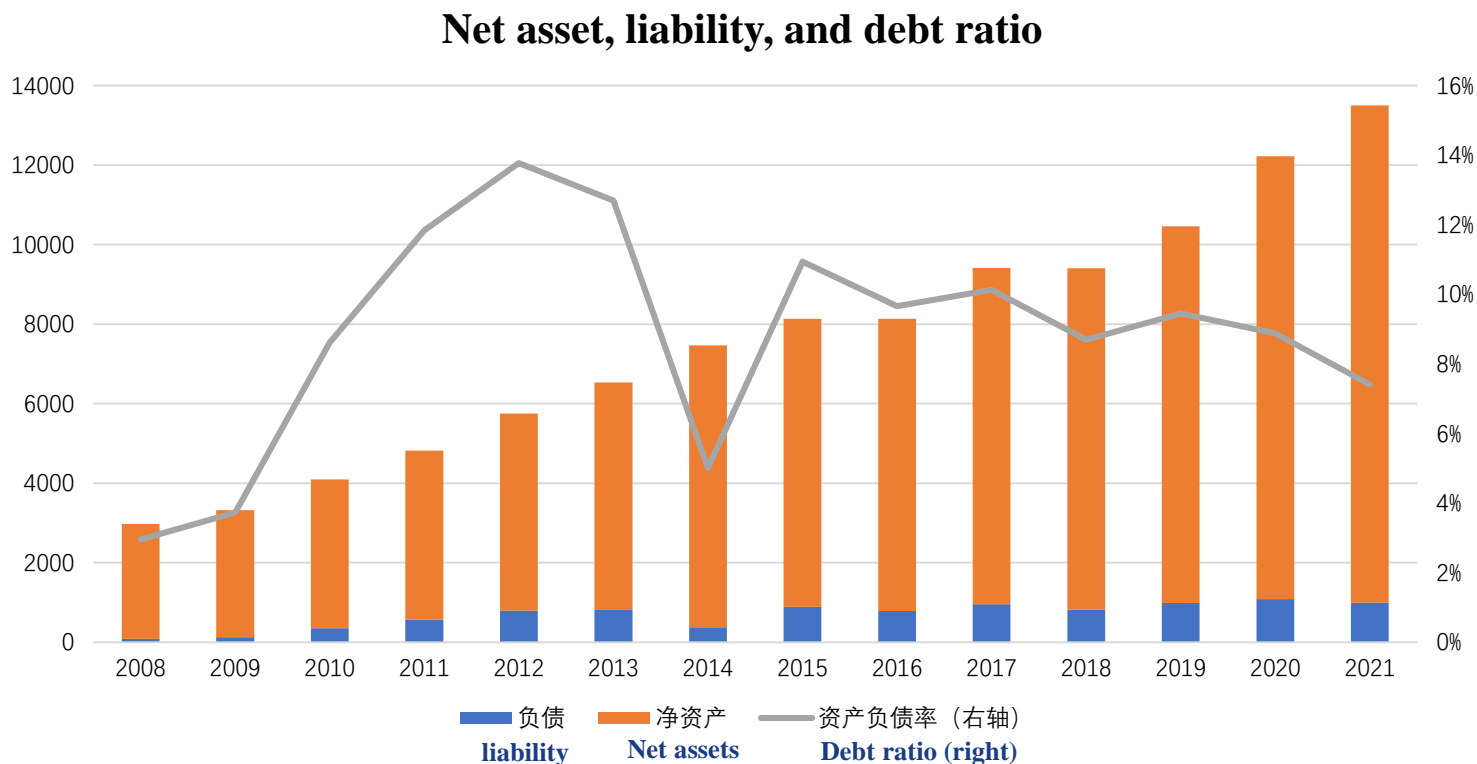
China's foreign reserves and the RMB-USD exchange rate



Data source: Bloomberg

□ Growth of CIC since establishment

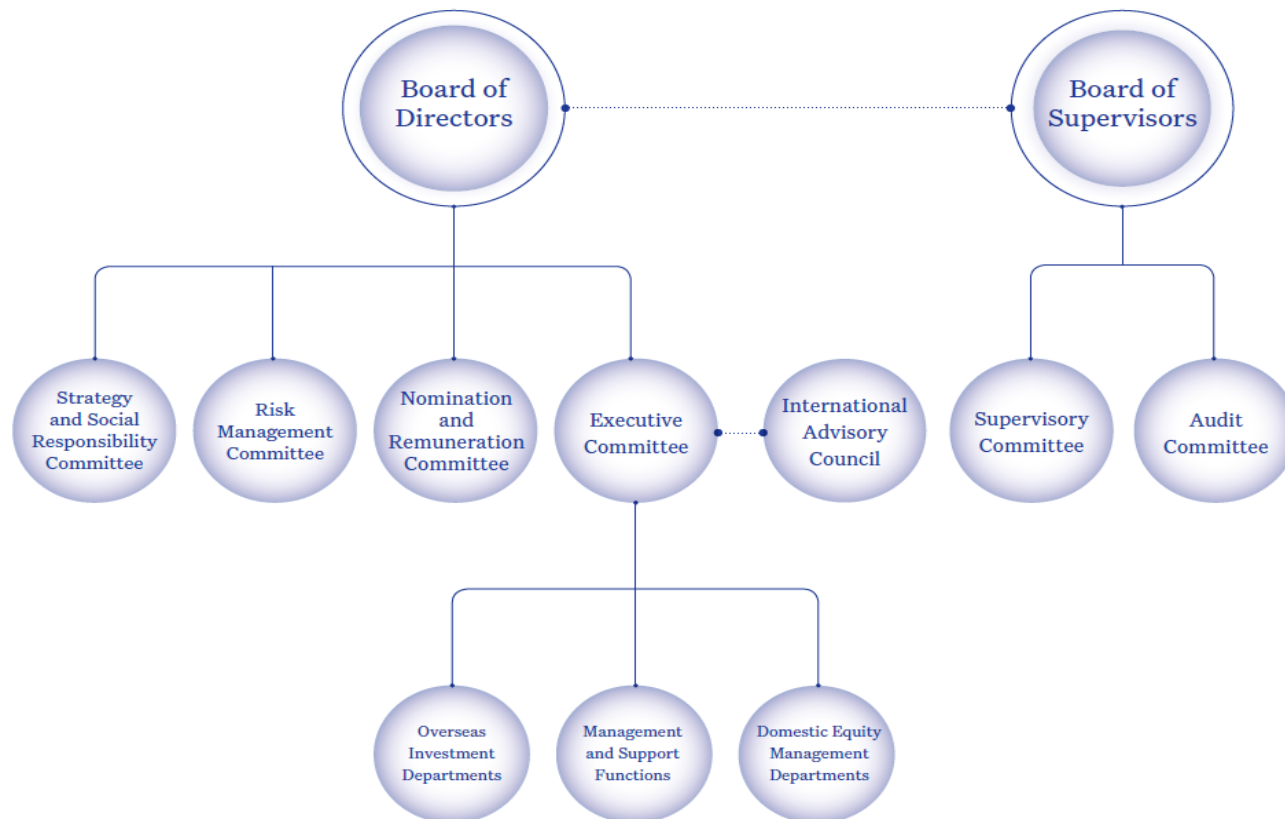
- Established in 2007
- By 2021, total assets \$1.35t, net assets \$1.25t, overseas assets about \$0.4t



Data source: annual reports

□ Organization Chart of CIC

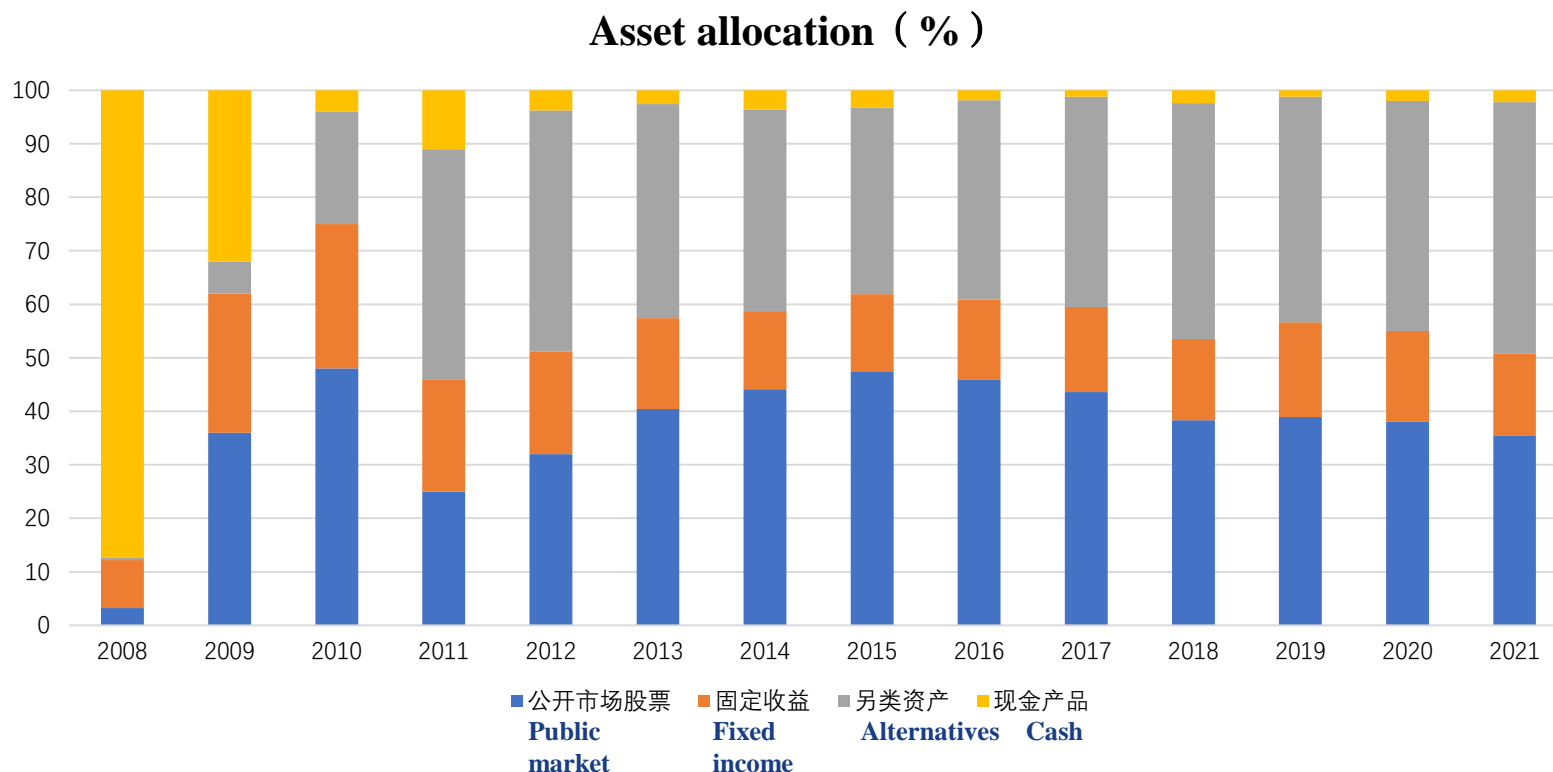
Organizational Chart



Data source: CIC Annual Report

Asset allocation of CIC

- By 2021, public market equity 35.4%, fixed income 15.4%, alternatives 47%, cash and equivalent 2.2%

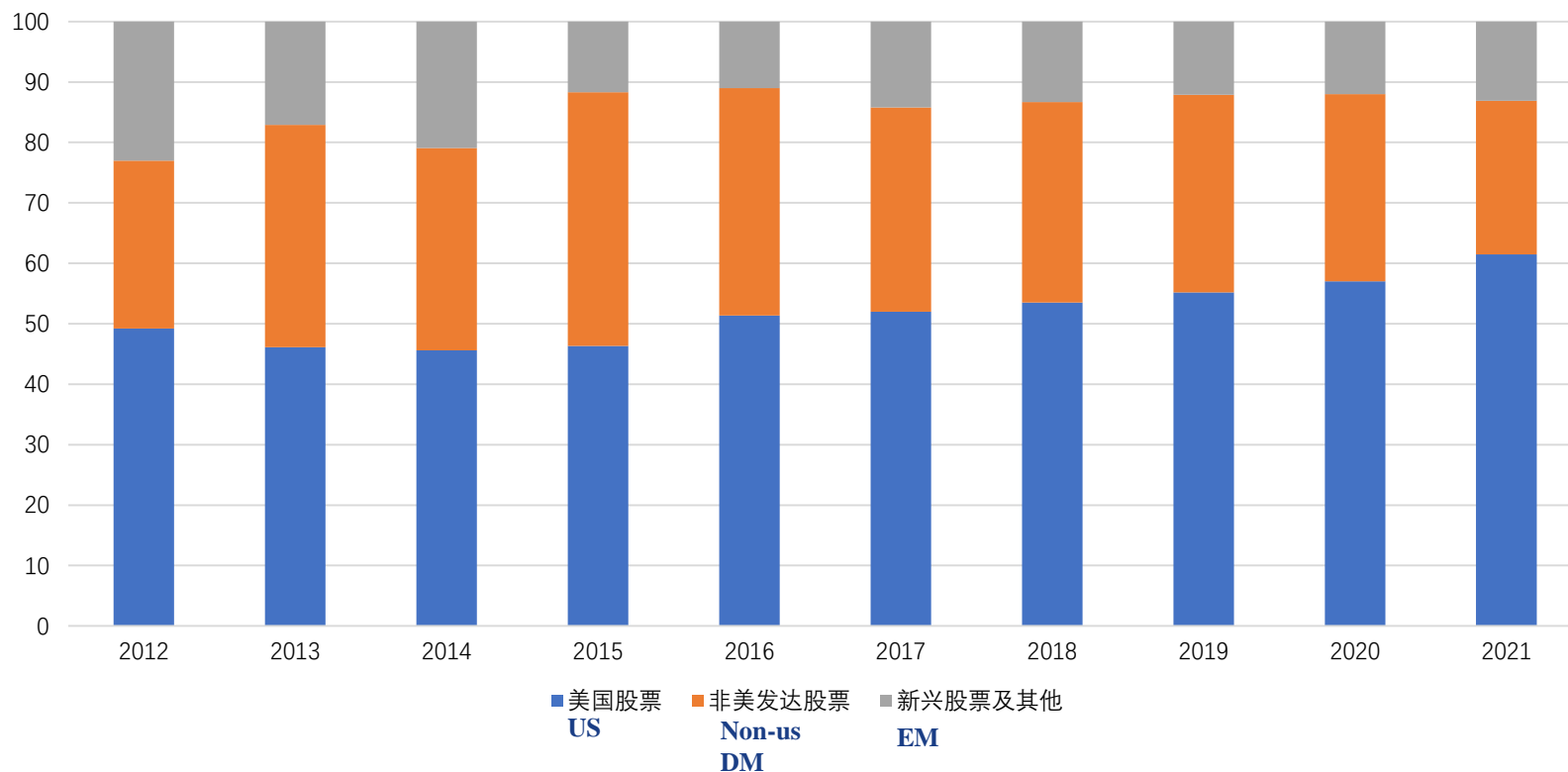


Data source: annual reports

Allocation of public market equity

- By 2021, US equity 61.5%, non-US equity 25.4%, EM and others 13.1%

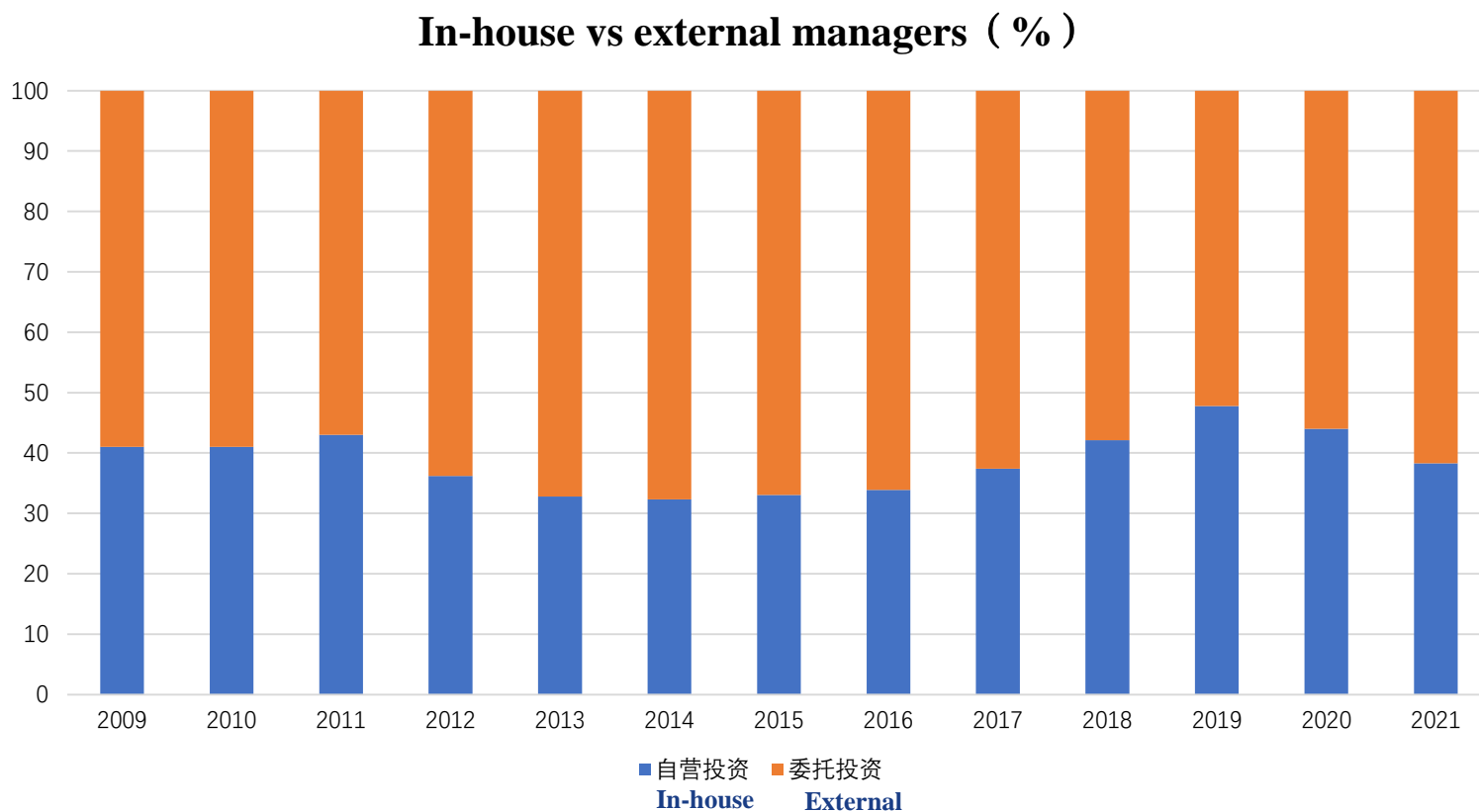
Allocation of public market equity (%)



Data source: annual reports

□ In-house vs external managers

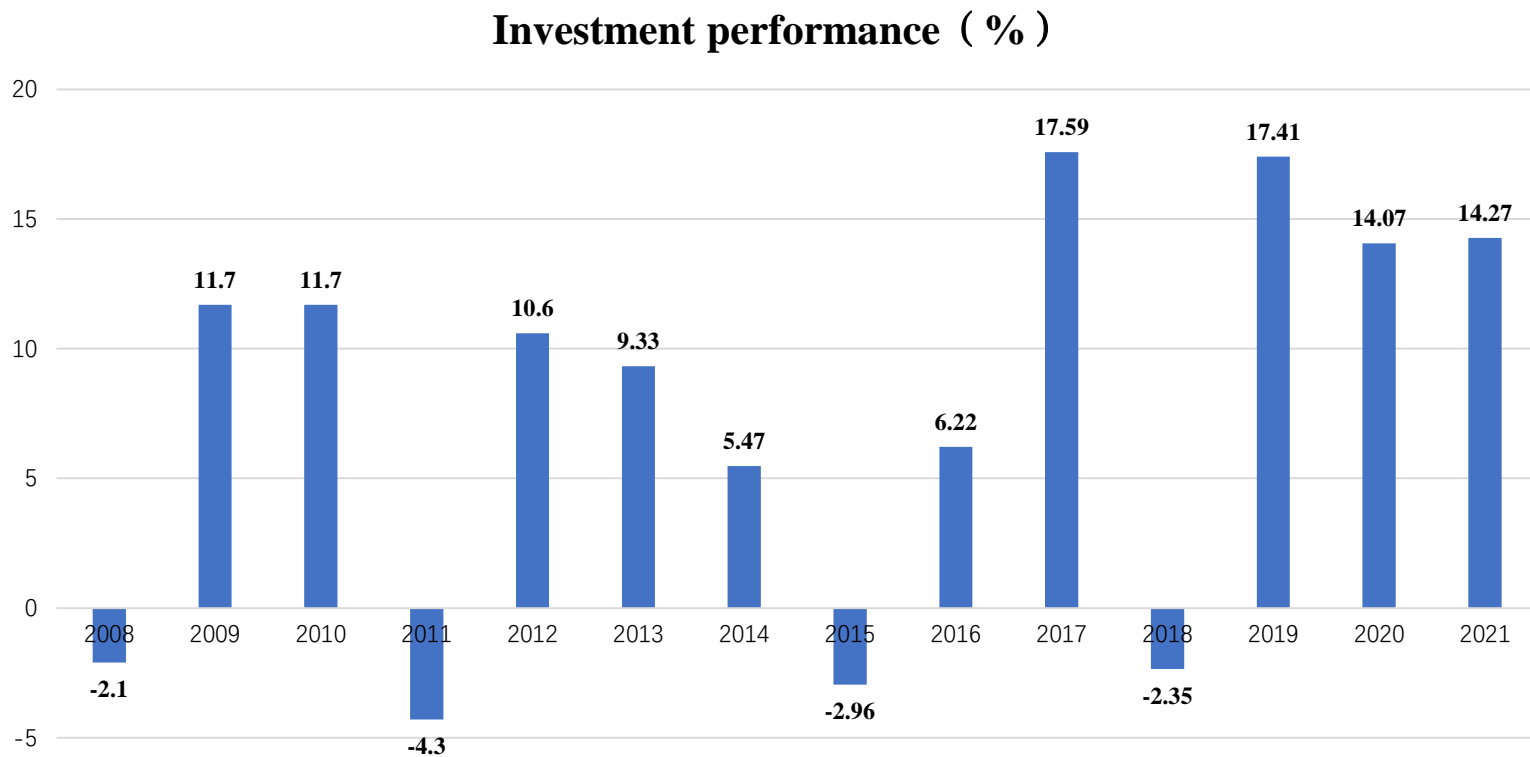
- By 2021, in-house 38.3%, external managers 61.7%



Data source: annual reports

□ Investment performance since 2013

- 10-year annualized return rate 8.73% by 2021



Data source: annual reports

□ Performance comparison (annualized return %)

	2022	Last 3 years	Last 5 years	Last 10 years
CIC	-	14.17	10.57	8.53
Temasek	-2.35	8.33	5.48	6.28
NBIM	-14.11	2.92	4.19	6.70
CPP	2.68	9.51	8.51	9.51
CalPERs	-0.15	6.68	6.68	7.63
Japan GPIF	2.48	9.96	5.7	5.88
MSCI ACWI Index(gross return)	-17.96	4.49	5.75	8.54
Barclays Global Aggregate Bond Index	-16.3	-4.5	-1.66	-0.44

Data source: Annual Reports, MSCI, Bloomberg

Thank you!