

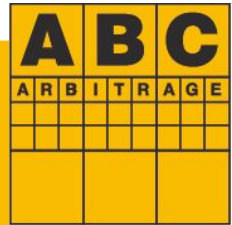
Investor Presentation - March 2024

2024 Markets - Anatomie d'une chute ? - Anatomy of a fall ?

- 1. What we do**
- 2. 2023 Market Parameters**
- 3. 2023 Financial Results**
- 4. Springboard 2025 plan - Situation update**
- 5. How we do it**
- 6. Outlook for the 2024 markets**
- 7. Springboard 2025 plan - Decisions for 2024**
- 8. ABC Shares & distributions**

Who we are

- ❑ **One Business: Quantitative Asset Management.**
- ❑ **One Team: Enthusiastic technologists, building innovative trading systems and asset management strategies.**
- ❑ **One Trading Principle: Quantitative arbitrage on all kinds of assets.**
- ❑ **One Conviction: Investing our own Equity in our strategies.**
- ❑ **One Proof: 28 consecutive profitable years with ROE > 10%.**
- ❑ **One Methodology: Risk mitigation & Risk Management.**



1. What we do

Arbitrage: Providing liquidity to the market with systematic mechanical or statistical hedging position

- ❑ Sophisticated trading techniques using scientific & data driven approach to generate alpha.
- ❑ **Statistical and Event Driven strategies** - focus on niche, mid-short term trading opportunities with capital protection.
- ❑ **40 main strategies**, multi-assets, multi markets on **almost 100 exchanges around the world**.
- ❑ ABC strategies are correlated to **Volatility, M&A activity, Corporate actions and traded markets volumes**.

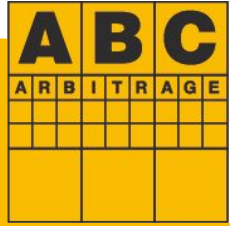
Markets Parameters	Impact on ABC Activity
Volatility on assets	++
Equity Index Prices	=
Rates Level	=
Commodities Prices	=
Strong Markets volumes	++
Weak volumes	-
M&A Activity	++
Corporate Actions Activity	++
Bank credit issue	-
Market Regulation	+



Volatility

**M&A
Corporate Actions**

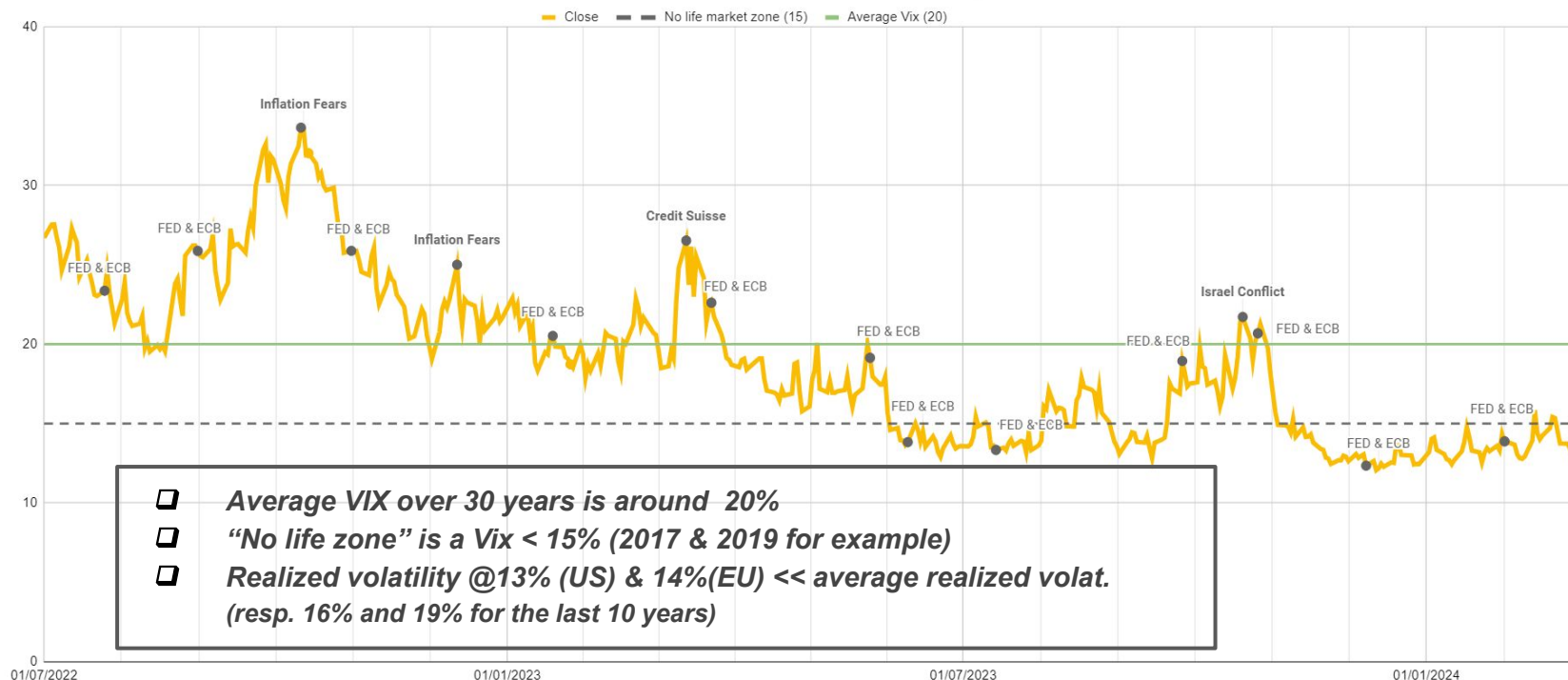
Traded Volumes



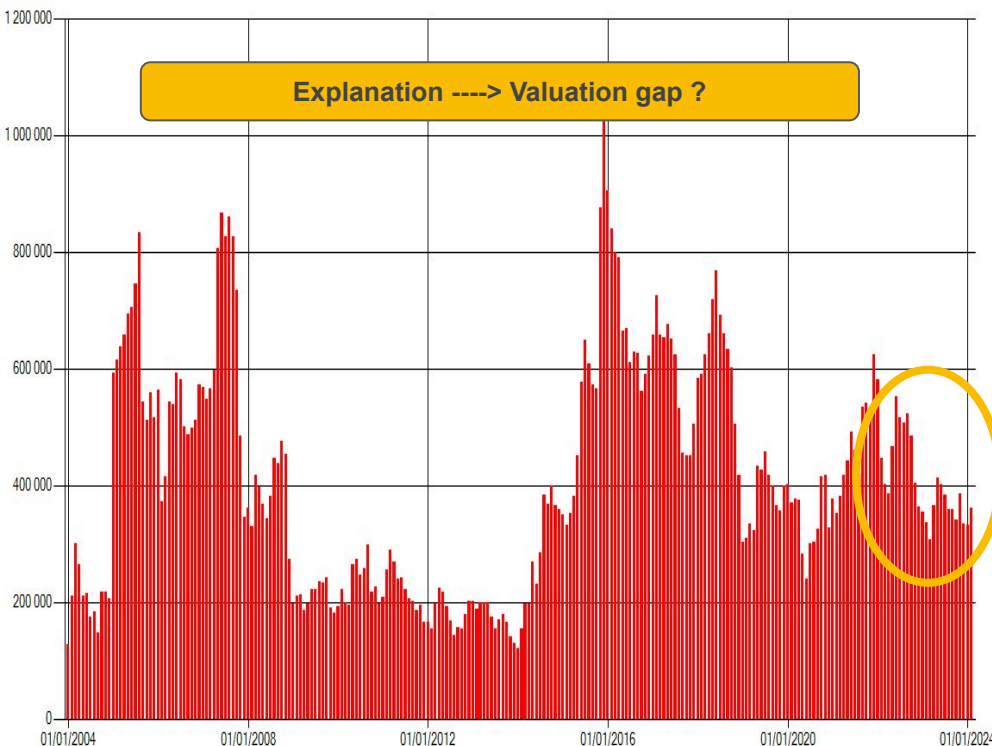
2. 2023 Market Parameters

2023 - Surprising drop in volatility despite refinancing risks and geopolitical situation

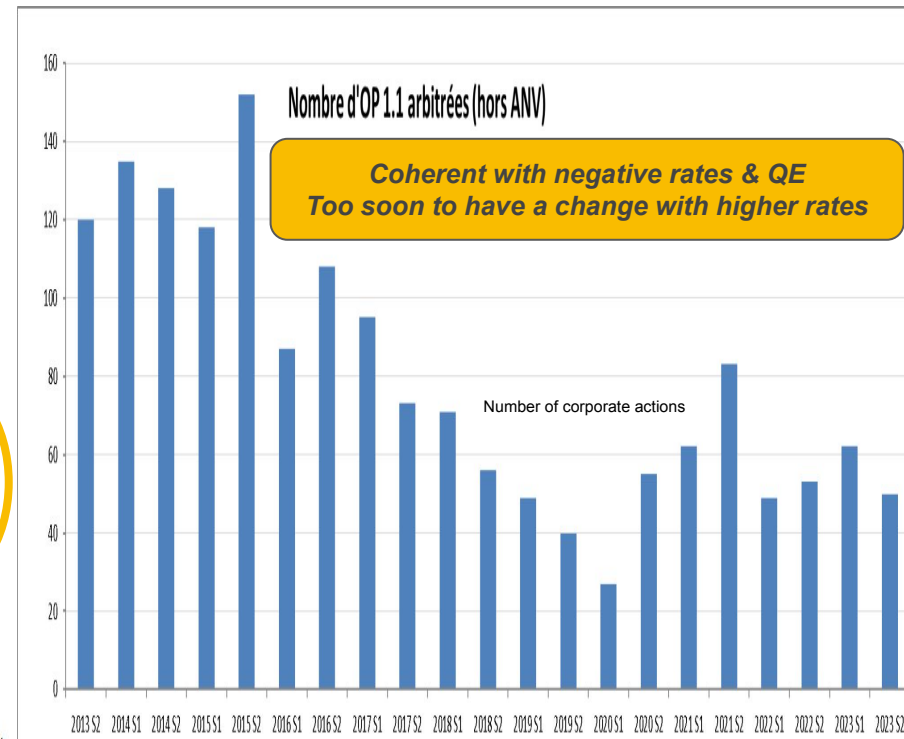
Historical VIX since July 2022

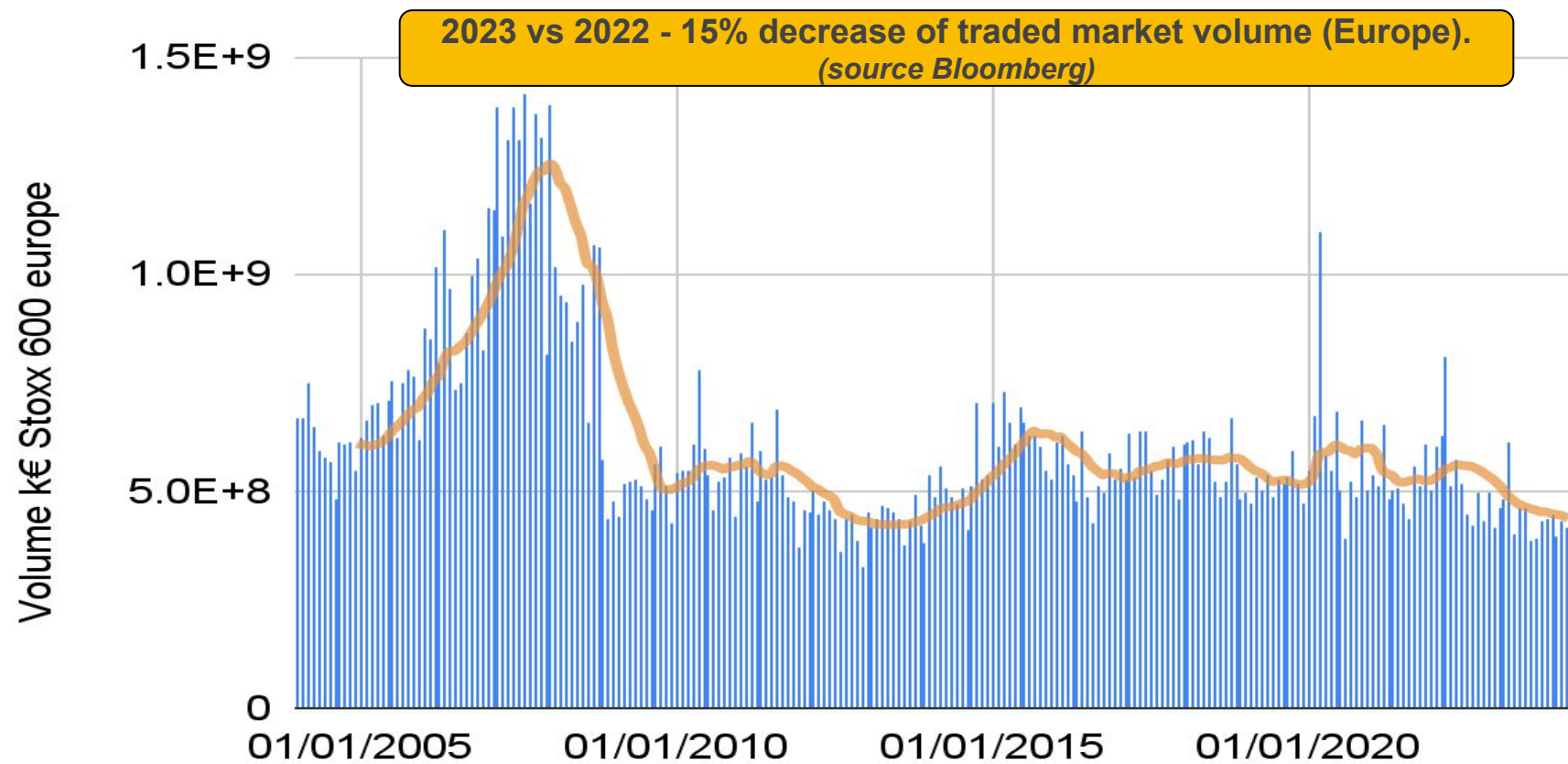


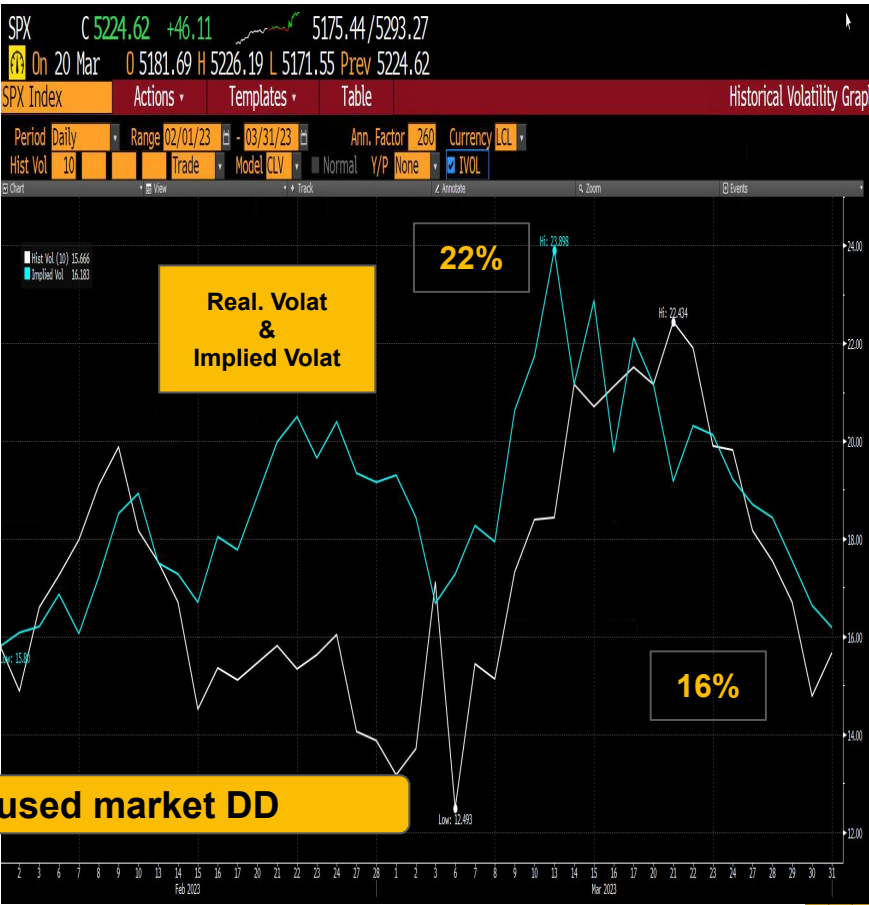
Monthly existing M&A announced offers(B€)
30% reduction vs. 2022 (listed target)

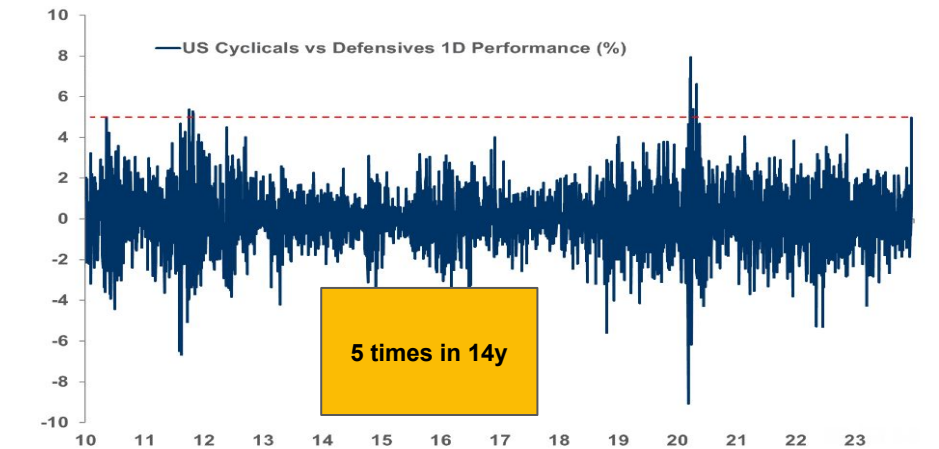
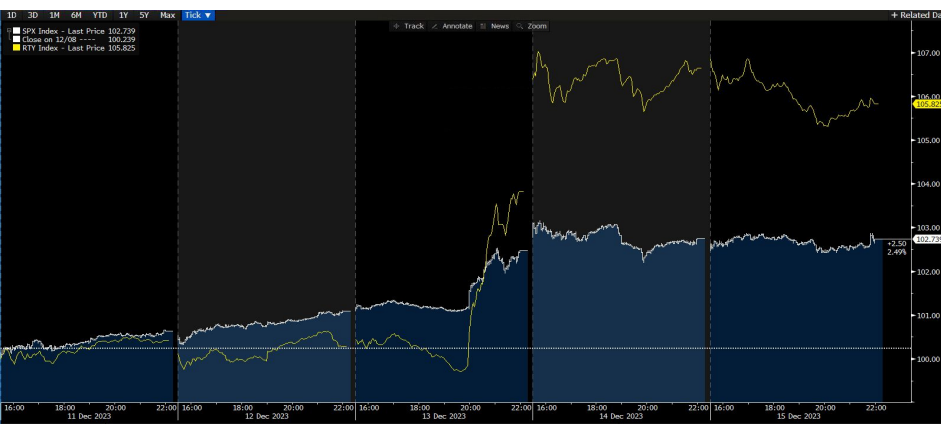


Corporate actions opportunities
Divided by 3 since 2014 - Divided by 1.5 since 2018





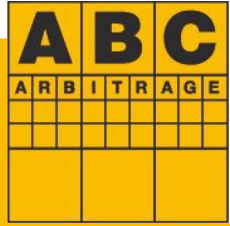




→ Strong sector & market Cap rotation
→ High level of exposure to US mid-caps vs SP500
→ Low level of market volatility during this period
→ A very rare phenomenon over the last 15 years

Difficult situation for Stat. Arb.





3. 2023 Financial Results

In Euro millions - IFRS	2019	2020	2021	2022	2023	Change 2023/2022	Useful comment
Investment Services Fees*	14,4	22,5	59,9	27,4	18,3	-33,3%	~16% from external third party
Net gains at fair value through profit or loss**	22,6	46,3	4,3	33,8	21,0	-37,7%	Tax and costs included
Net revenues	37,0	68,8	64,1	61,2	39,3	-35,7%	
Payroll costs	-12,0	-25,9	-20,7	-22,9	-14,6	-36,2%	Cf. Slide 15
Occupancy costs	-1,3	-1,4	-1,4	-1,4	-1,5	10,0%	
Other expense	-5,5	-5,9	-6,4	-7,2	-7,0	-2,8%	Cf. Slide 16
Other taxes	-0,1	-0,1	-0,3	-0,7	0,2	-123,2%	For ABCA / ABAM / ABAA
Total costs	-18,9	-33,4	-28,7	-32,1	-22,9	-28,6%	
Income before tax	18,1	35,4	35,4	29,1	16,4	-43,6%	
Income tax	0,2	-0,3	-7,3	0,1	0,1	27,7%	For ABCA / ABAM / ABAA
Net income attributable to equity holders	18,3	35,1	28,0	29,2	16,5	-43,5%	

*: Management fees on all AuM (included ABCA's own equity)
 **: Quartys' (group investment company) financial result (after costs and taxes)
 ***: Link to the press release [Activity pace and specific event 2021](#)

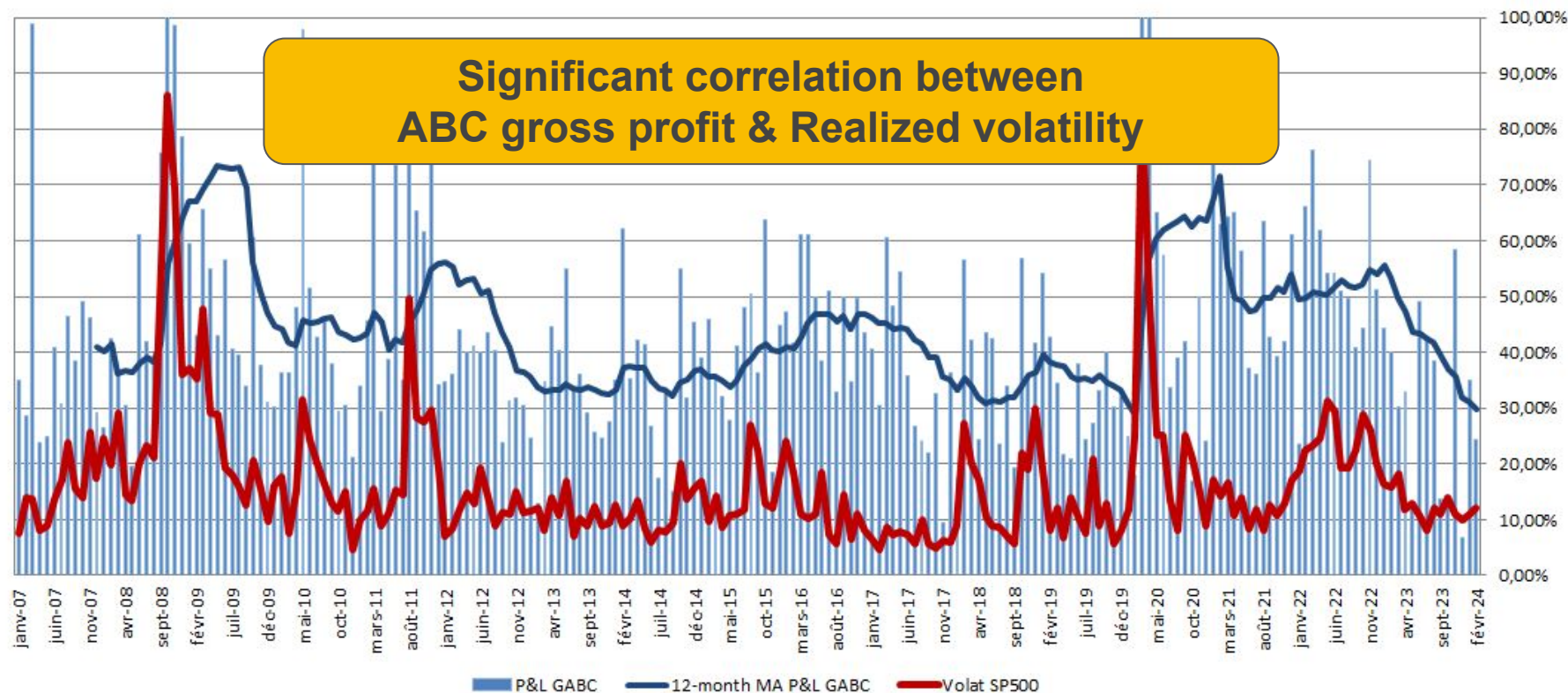
CH Withholding Tax

- QTYS receives dividends from its current operations
- Switzerland is a country with large market caps and significant returns on its equity.
- From 2017 to 2021, 8M€ of withholding tax pending reimbursement.
- Usual delay +/-3 years to recover => real delay since 2021.
- No legal "no" so far, but longer-than-average delays.

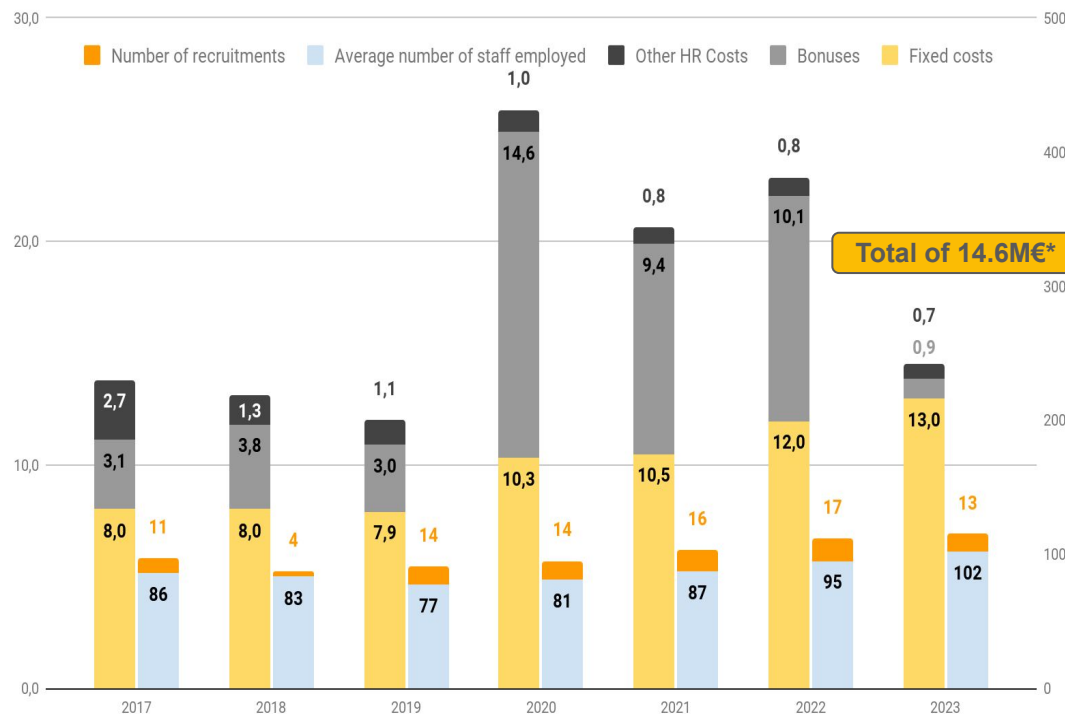
CRY situation

- QTYS has suspended its "digital assets business" on March 2023 after FTX/SVB crisis.
- ABAM has obtained a specific extension to its AMF license on 6 Feb. 2024
- Digital assets business is ramping up to return to 2022 levels.

In Euro millions - IFRS	2023 pro forma ABCA estimations	2023	Useful comment
Digital Assets Business	+1.2	0	suspension of activity - pending AMF approval - estimation based on 2022 business.
Withholding Tax CH	0	-1.35	Page 17 (§4.1) Financial Report
Net revenues	41.6	39,3	
Payroll costs	-15.1	-14,6	Delta bonuses on revenues (estimation)
Occupancy costs	-1.5	-1,5	
Other expense	-7.0	-7,0	
Other taxes	-0,2	0,2	
Total costs	-23.4	-22,9	
Income before tax	18,2	16,4	
Income tax	0,1	0,1	For ABCA / ABAM / ABAA
Net income attributable to equity holders	18,3	16,5	

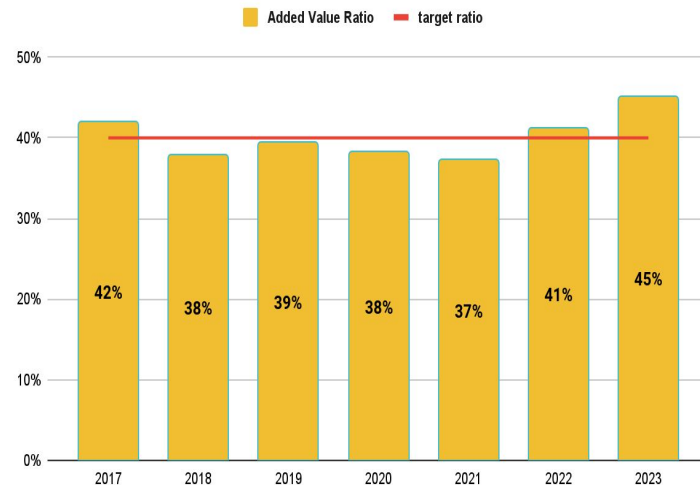


ABC Team = ABC first priority = ABC first expense



*: Average number of staff employed = 102 + 4 service providers equivalent to FTE = total equivalent FTE = 106

Added Value Ratio (vs 40% target)

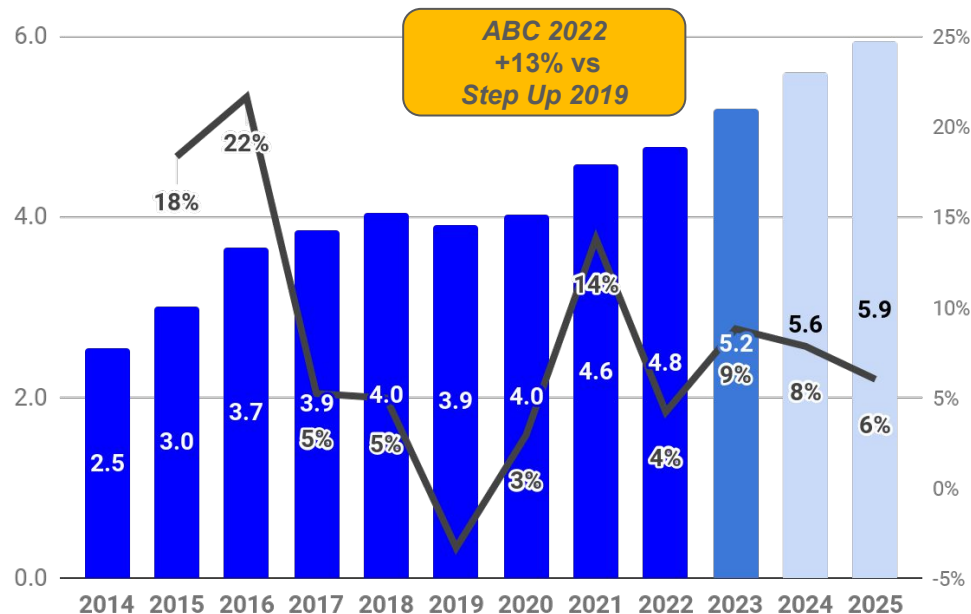


- Base cost increase = partial adaptation to HR market + new R&D people.
- Strong correlation between Bonuses and ABC arbitrage performance.
- Targeted Equity Incentives on a long term basis.

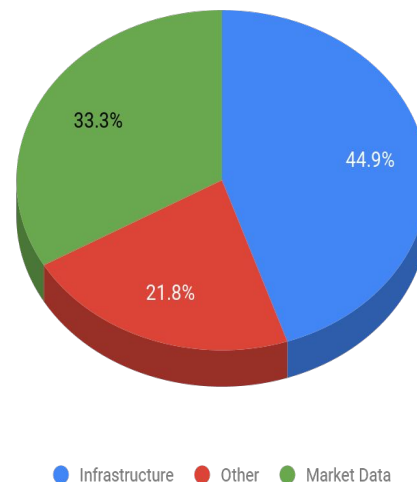
ABC arbitrage is a “French Tech” Company !

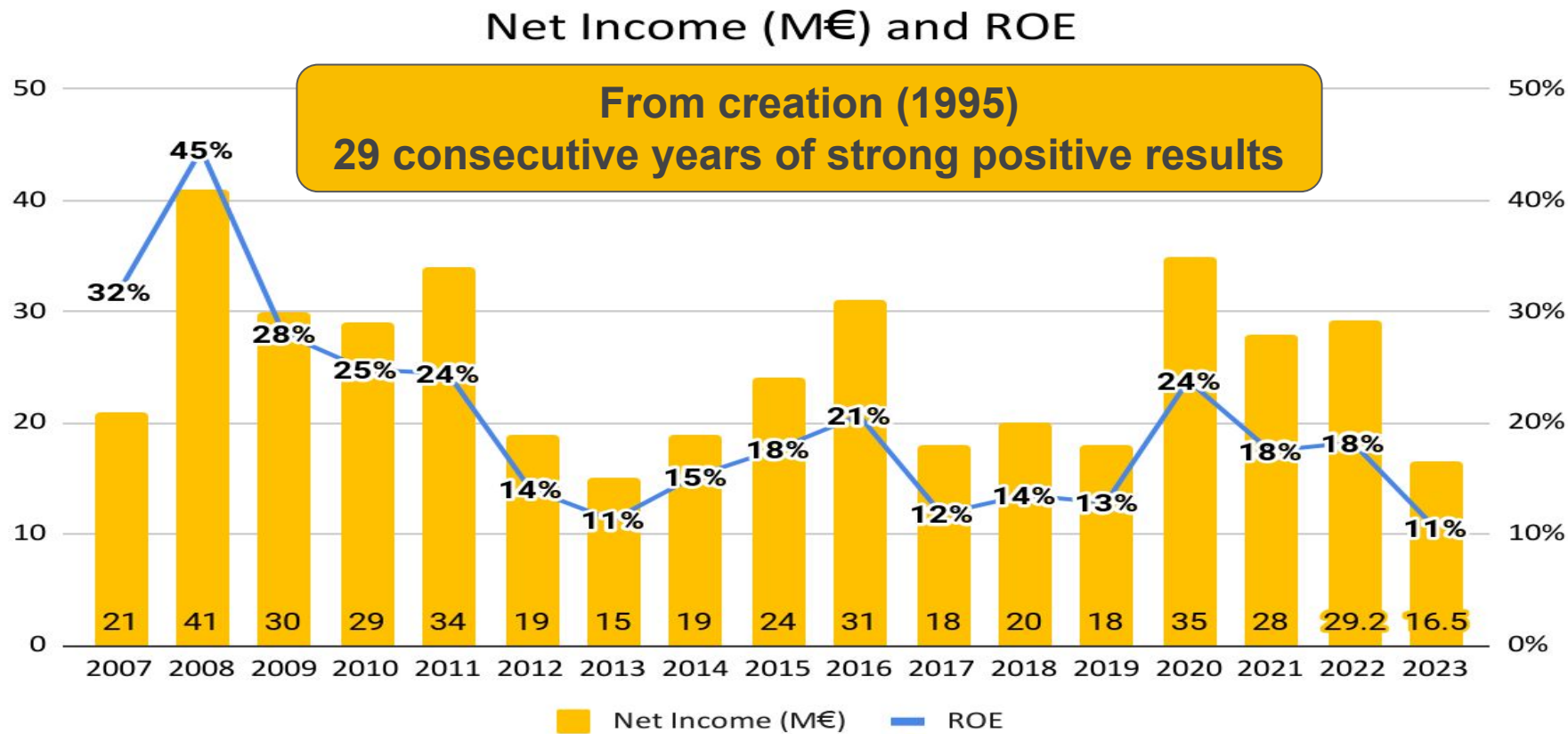
IT Costs ~ 70% of the “other costs”.

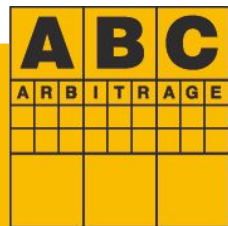
Budget Data annual history (M€)



Budget Data - allocation 2023







4. Springboard 2025 plan. Situation Update

Springboard 2025 income targets.

- ROE Min > 10% => annual CNI of 16M€ based on ABC Equity as of 31/12/22.
- ROE Target >= 15% => annual CNI of 24M€ based on ABC Equity as of 31/12/22.
- Keeping predictive CNI correlated to ABC's Historical 3 Market Parameters (3MP).

An ambition of Cumulative Net Income of 100M€ over 3y.

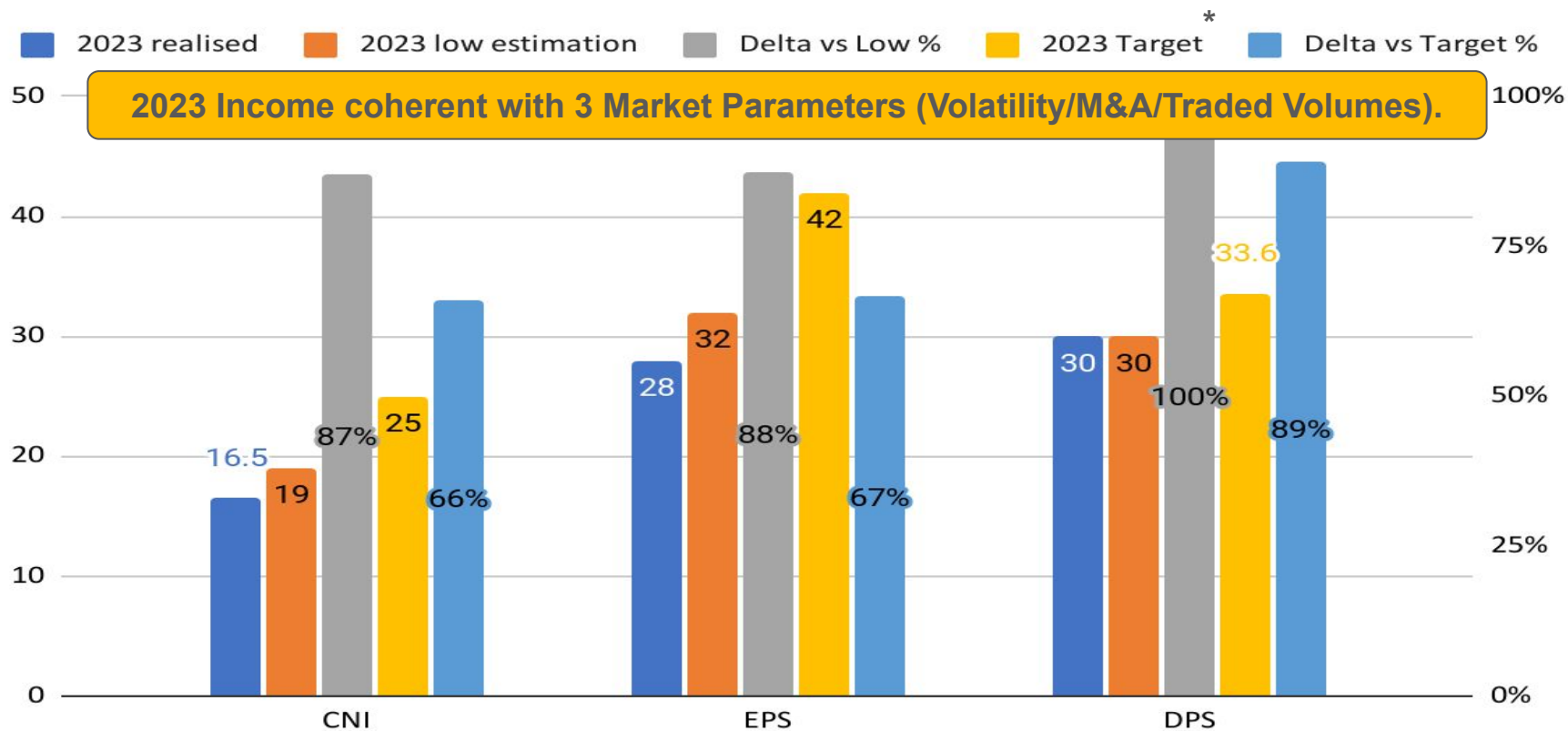
*Under the assumption that the 3 Market Parameters (Volatility, Corporate Actions and M&A, Traded volumes) = Average last 10 years**

- implies a cumulative distribution of 1.30€ over 3 years with a POR of 80%.
- implies an average ROE >> 15%.

Springboard 2025 distributions figures.

- Min Distribution of 0.30€ (ie Consolidated Net Income (CNI) ~ 18M€).
- Payout Ratio (POR) ~ 80%.
- A principle of “no Scrip Dividend”.

*Market Parameters - Average 10 years - Volatility VIX = 18%. Average realized volatility = 18%



CNI=Consolidated Net income - EPS=Earnings Per Share - DPS=Distribution Per Share

* Target means the targeted value IF the 3 Market Parameters (3MP) = 10y average (Volatility, Volumes, M&A)

ABCA Reversion Fund
Short Term - Market Neutral

ABCA Opportunities Fund
Diversified - Low Net

Customised Options

Mean Reversion
Equity Index Futures

Term Structure
Volatility Futures

Quant M&A
Equities

Stat Arb
Equities

Futures Strategies

Target Performance: 5 - 15%
Perf. Profile: Convex

Expected Perf. Volatility: 8-10%
Target Corr to S&P: Negative

“Defensive”

Target Performance: 8 - 12%
Perf. Profile: Uncorrelated

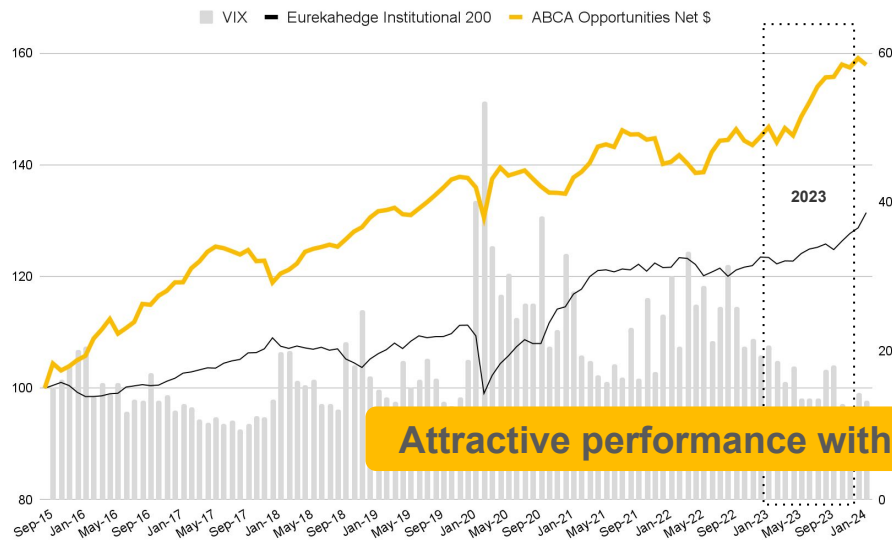
Expected Perf. Volatility: 8%
Target Corr to S&P: Low

“All Weather”

Custom Features:

- Performance Profile
- Volatility & Leverage
- Restriction Lists

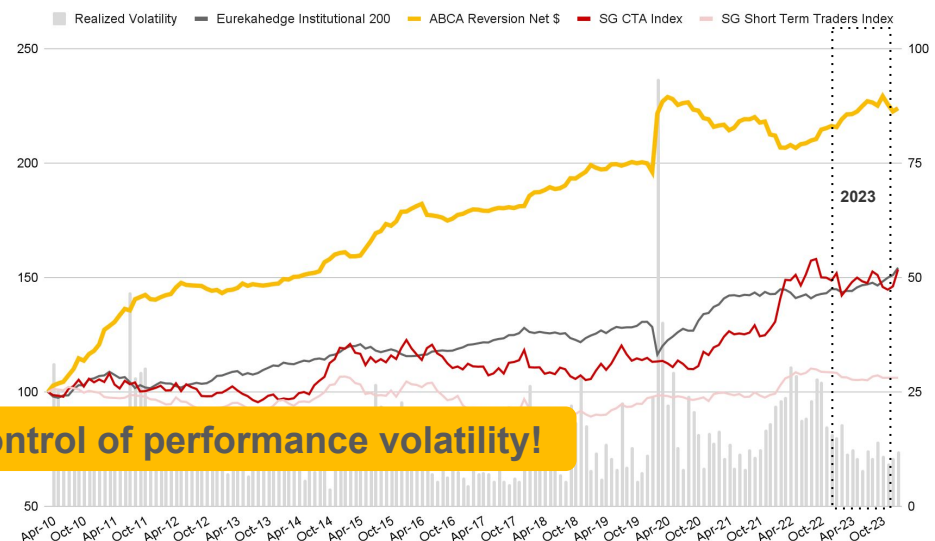
2023 - Structural improvements in the products offered by the Group.



ABCA Opportunities 2023 Perf.Class USD Net => +9.7% (31/12)
 2021 Eurohedge Awards Nominee - 2022 Top Performer Investor Choice Awards
 Best Multi Strategy under 500m\$ Hedgework Awards 2024

29/02/2024	ABCA Opportunities (Net \$)	S&P 500	Eurekahedge Institutional 200
Annualized Perf	5.6%	12.9%	3.4%
Volatility	5%	16%	5%
Sharpe	1.2	0.8	0.7

Since 01/10/2015



ABCA Reversion 2023 Perf. Class USD Net => +4.8% (31/12)
 2020 - BarclayHedge Recognition award for excellence - EMN Winner

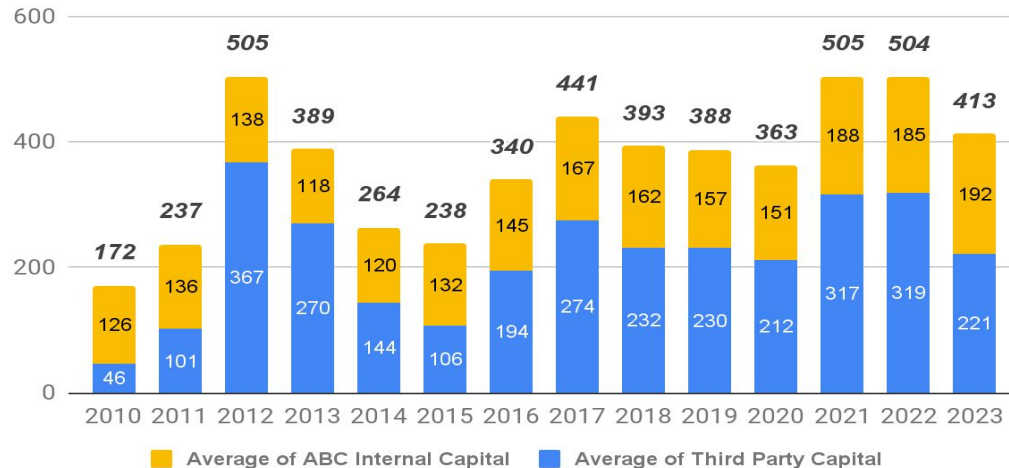
29/02/2024	Reversion (Net \$)	S&P 500	SG CTA Index	Eurekahedge Institutional 200
Annualized Perf	6.0%	11.7%	3.5%	3.2%
Volatility	5%	15%	8%	4%
Sharpe	1.1	0.8	0.4	0.7

Since 01/05/2010

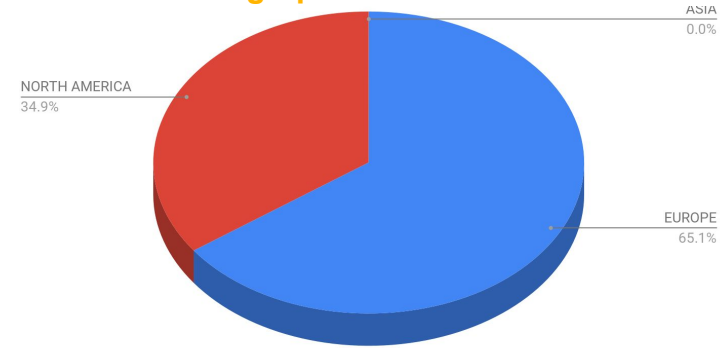
- ❑ Pre-2010: generated through trading of our own equity.
- ❑ Post-2010: opened to third party funds.
- ❑ Limited capacity strategies: via Managed Accounts.
- ❑ High Capacity strategies: via AIF (Alternative Investment Funds).

AUM as of 31/12/2023 = 385M€ (-5%)**
AUM External Third Party (ETP) as of 31/12/2023 = 191M€
=> 15% Decline in ETP AUM

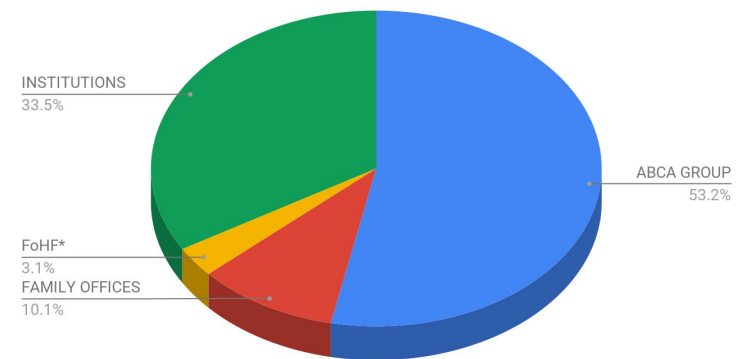
Average Group Asset Under Management



ABCA's AuM Geographical breakdown



Investors' breakdown



*Funds of hedge funds
Breakdown of 1st March 2024

** This figure is a specific calculus to uniformize the AUM from a fee perspective. From a regulatory perspective, AUM are 343M€.

Revenues from external third party = 2.9M€ / 7.4% of Net Revenue.
(Revenue from third party capital is historically in the 5%-20% range)

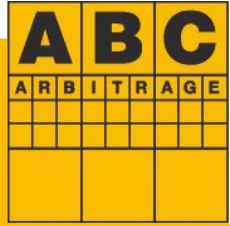


Core Business Evaluation

- Total ABC2022 New Strat PNL (~ 3M€) = 33% of Target* PNL (9M€).
- Digital Assets = Temporary suspended in (-1.2M€(e)) - Extended license on 6 feb 24.
- New Assets Strat = The complexity of developing these strategies has led to delays - New resources have been put in place for Q4 2023.
- Pro Volat Strats = Volatility was too low in 2023 to be conclusive.
- New Strat. Of Springboard 2025 = too early to be conclusive.

Some conclusions = Time to market still to improve - 3MP too low to be conclusive - Some business stopped (Russia) or suspended (Digital Assets) with negative impact on ABCA revenues. The low point of recurring earnings is still not growing fast enough.

** Target means the targeted value IF the 3 Market Parameters (3MP) = 10y average (Volatility, Volumes, M&A)*

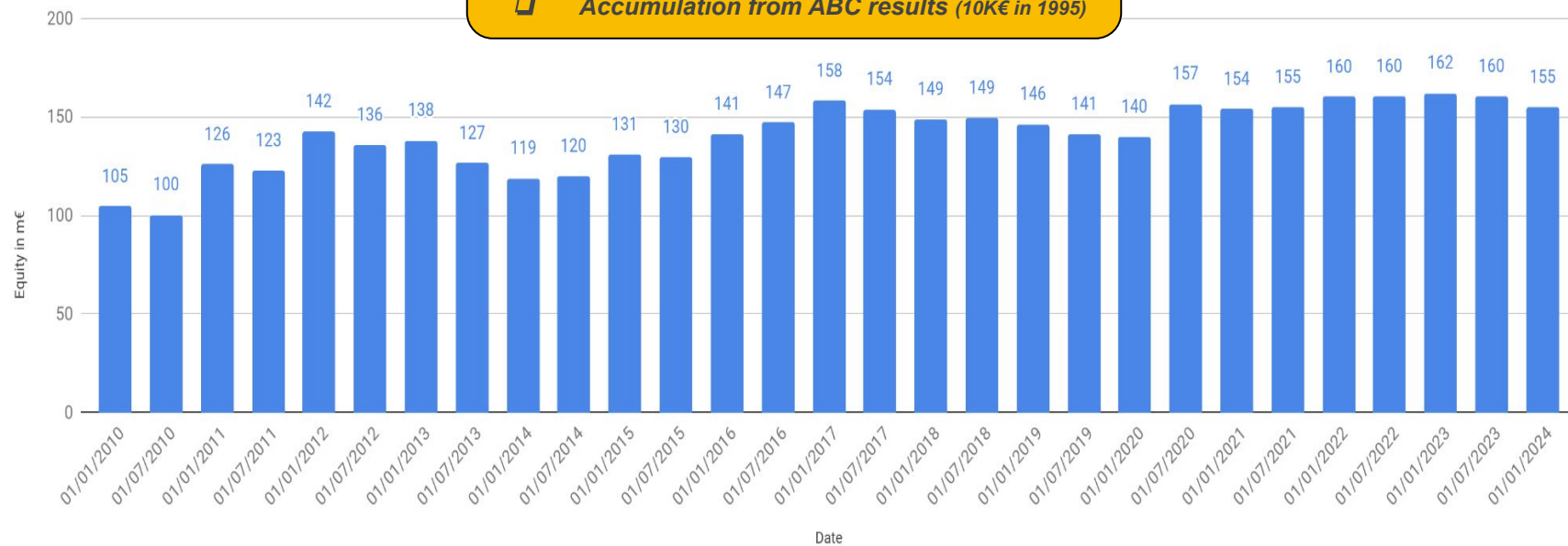


5. How we do it

ABC Equity as a strong development tool

- ▣ *High reactivity for seed money decision.*
- ▣ *High reactivity for market allocation.*
- ▣ *Independent from ext. client situation*
- ▣ *Accumulation from ABC results (10K€ in 1995)*

Equity in m€ vs Date



100+ people dedicated to ABC arbitrage Business

~10% - Risk Management

- ❑ Risk Control
- ❑ Process Control
- ❑ Risk Committee
- ❑ Compliance

~70% - R&D + Front

- ❑ Quant Traders & Research
- ❑ IT developers & IS
- ❑ Data analysis
- ❑ Operations
- ❑ Markets Lawyers

~10% - Sales

- ❑ Marketing
- ❑ Investor Relations
- ❑ Due Diligence Team
- ❑ Senior management

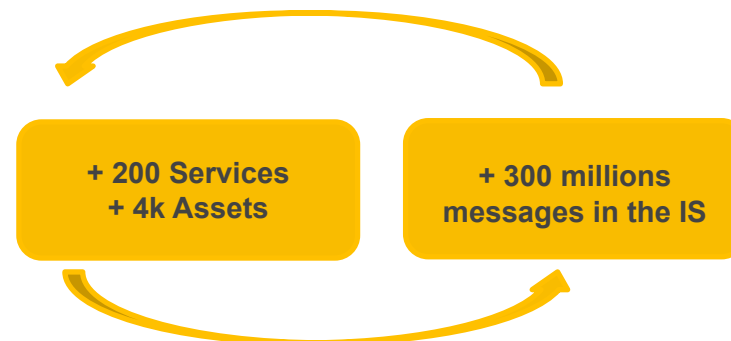
~10% - Support

- ❑ Human Resources
- ❑ Office Management
- ❑ Others (ABC arbitrage corporate, Com. etc...)

Tech company!

Robust internally-developed 24/7 trading systems*

- ❑ Billions of data elements processed each year
- ❑ Active in almost 100 markets across the world - 24/7
- ❑ Not a High Frequency Trading player but Top Tier 2



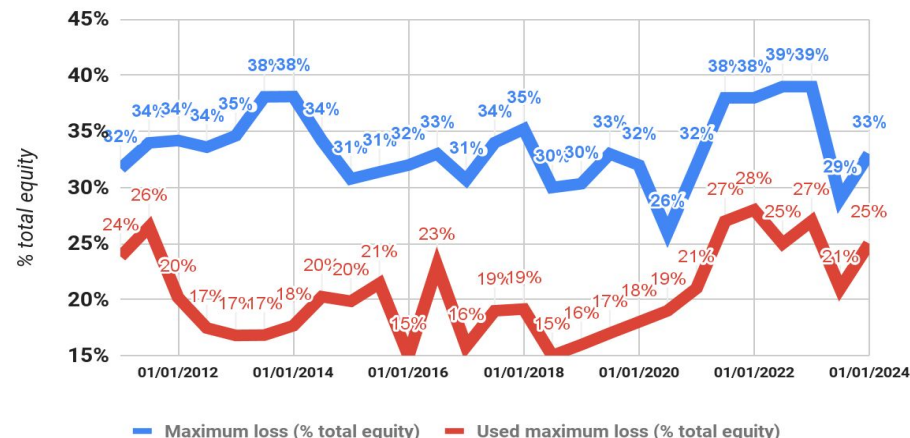
x3 to x5 if high volatility

**Daily average figures*

*** All updates in the order books or trades for each share followed in ABCA's algos*

Risk Mitigation Process

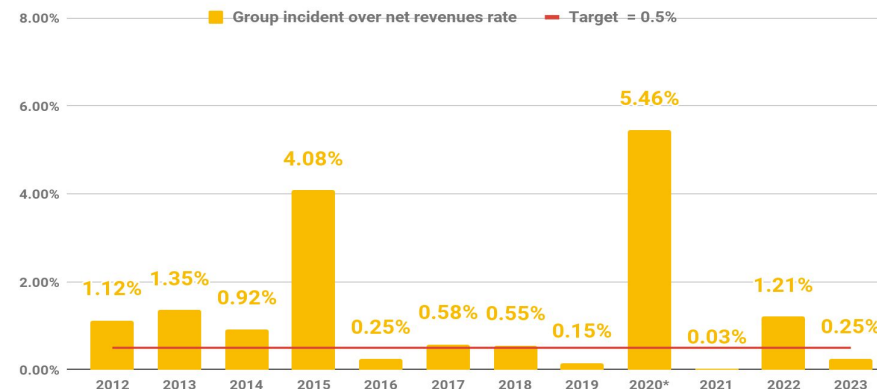
Maximum Risk Budget for ABC group since 2010



- Compound of “every” possible risk even “opposite” risks.
- No significant increase in the risk budget over time.
- Failover technology and counterparties in place for all trading and portfolio management requirements

Strict Quality Control

Group incident over net revenues rate



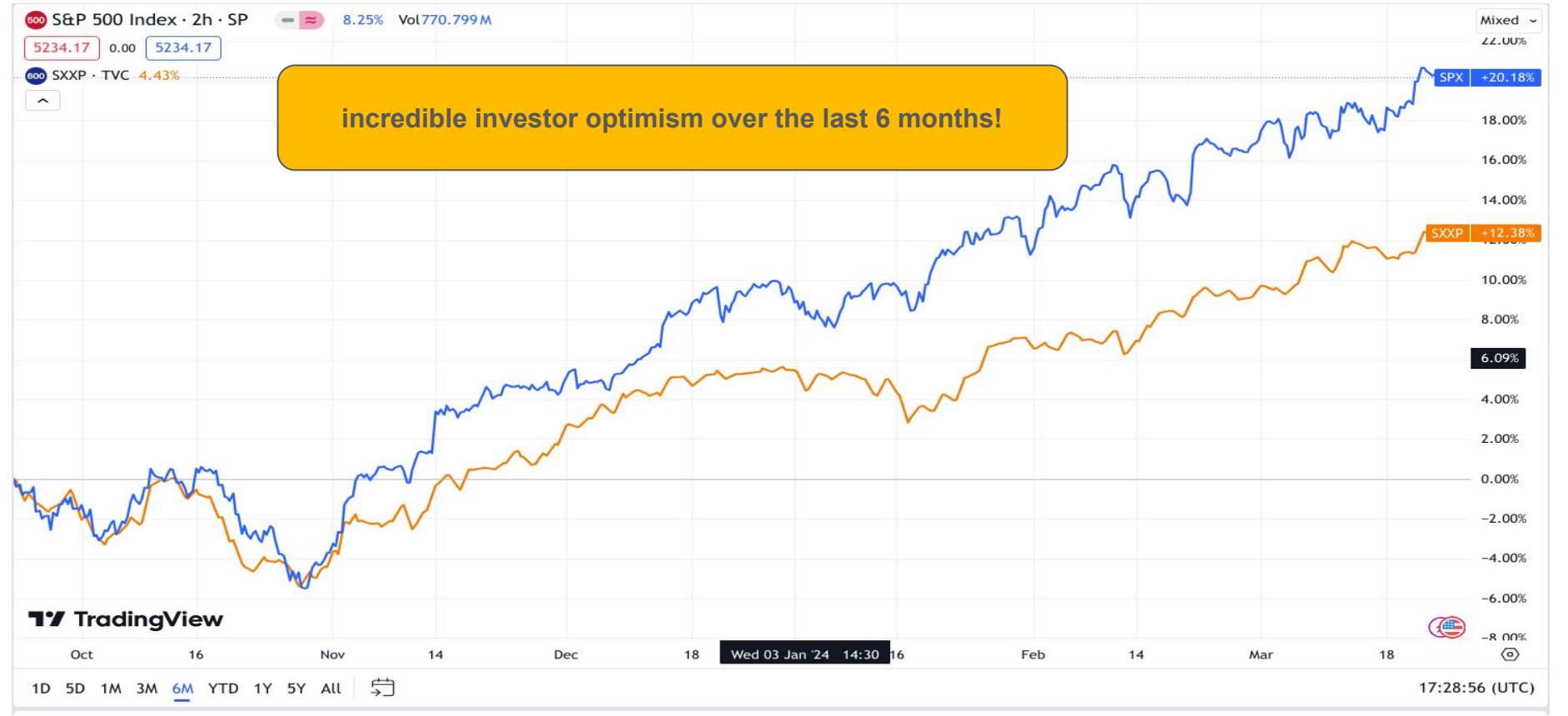
- External incident* in Dec 2020 concerning 2016 to 2019.
- Excluding this incident*: 2020 ratio = 0.35%.

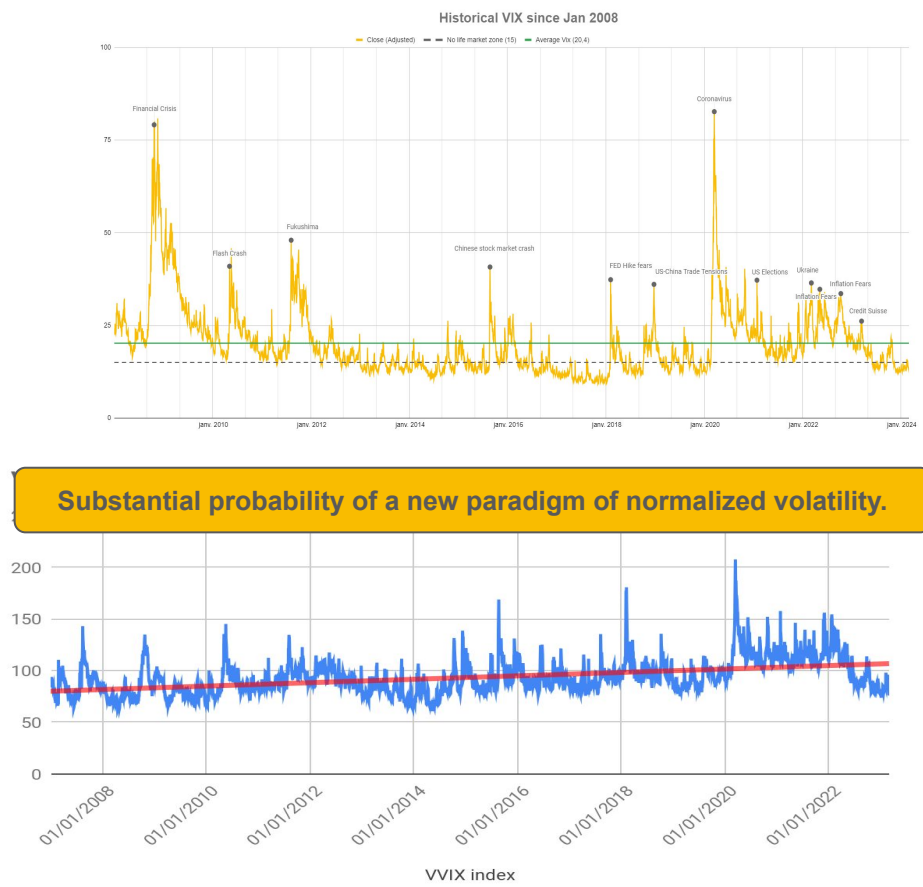
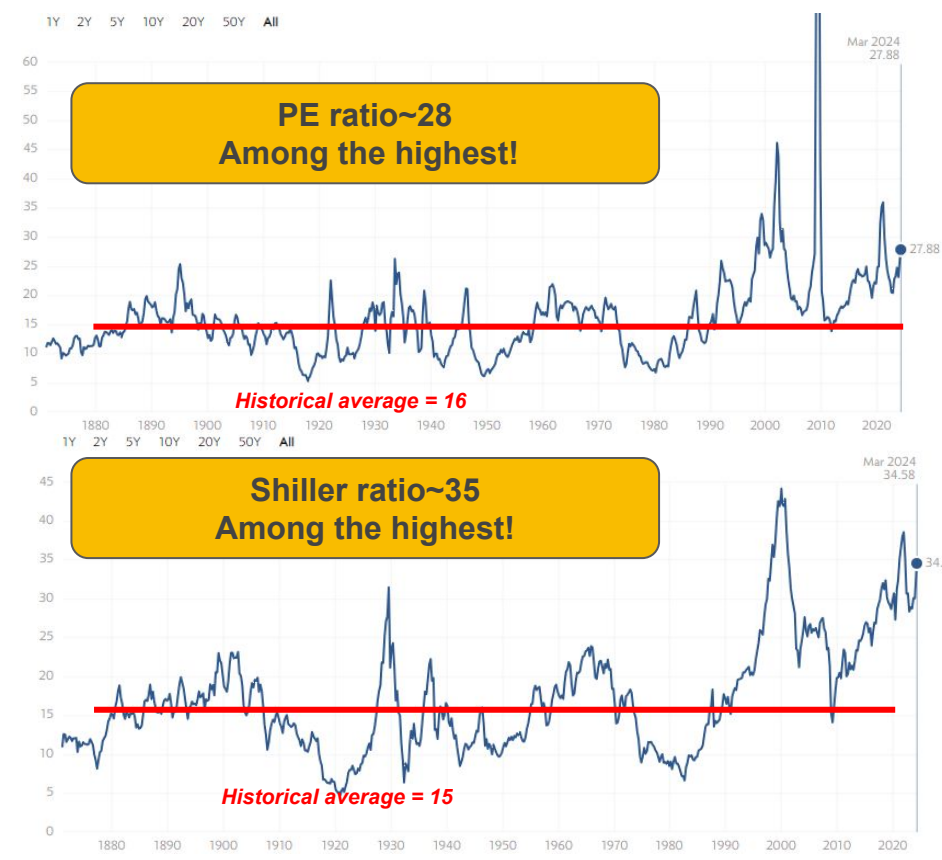
*recognised in FY 2020 Result, [2020 Annual Financial Report](#) - Page 61



6. Outlook for the 2024 markets

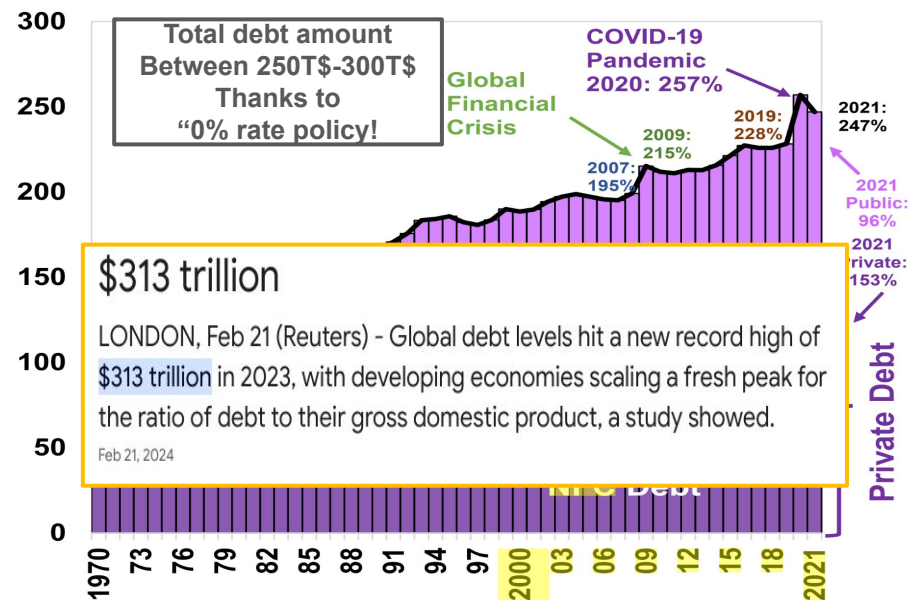
Anatomy of a fall ?





2022 Global Debt Monitor

Figure 1. Global Public and Private Debt, 1970–2021 (Percent of GDP, weighted averages)



Source: IMF Global Debt Database, 2022

An economic world with contradictory pressures!

Interactive: central bank policy rates

Per cent

Choose countries...



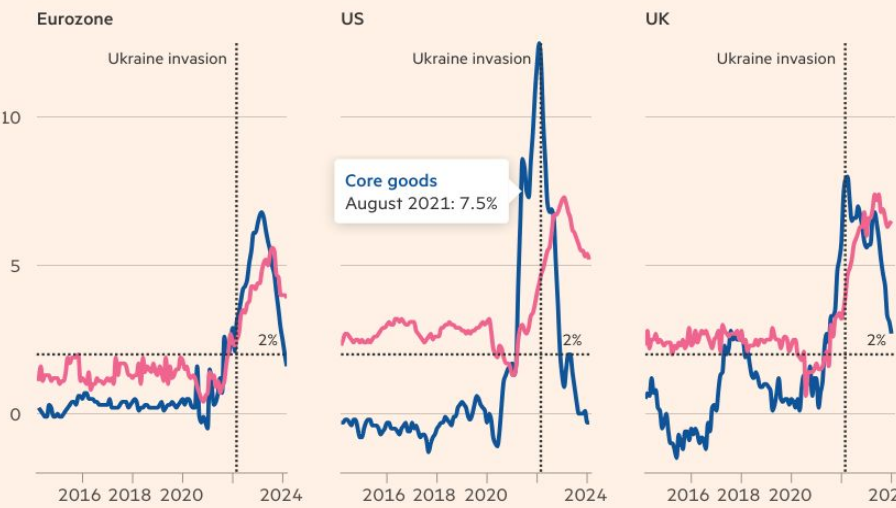
FINANCIAL TIMES

Source: LSEG

the wall of debt in the face of current inflation incompatible with a return to negative interest rates!

Core goods inflation rose later in the eurozone and has dropped everywhere, while services inflation remains high

Inflation rate (%)

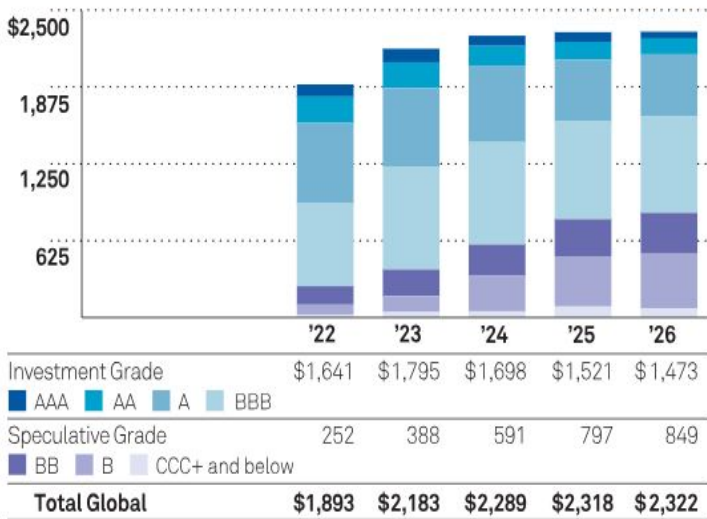


FINANCIAL TIMES

Sources: Factset, St Louis Fed, ONS • Services inflation excludes energy servi

Global Corporate Debt Maturities by Rating Category (2022–2026)

(dollars in billions)



Source = S&P Global - [Research and Insights](#)

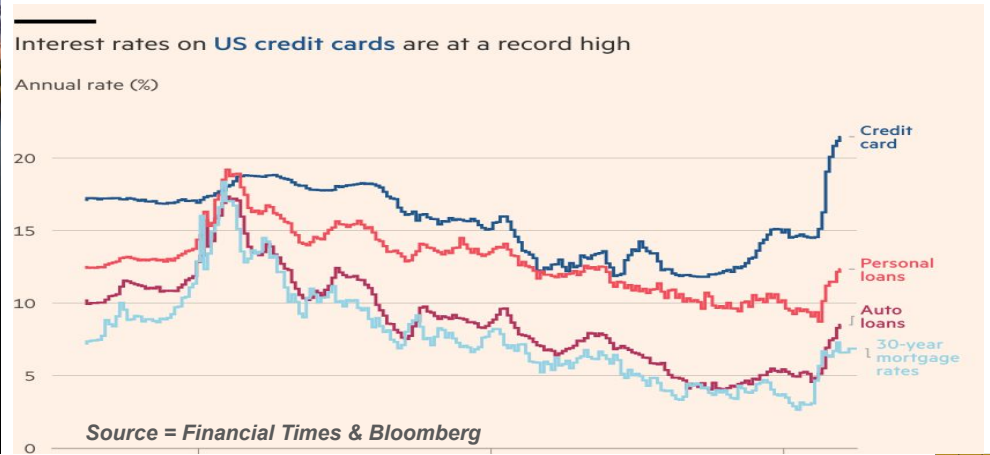
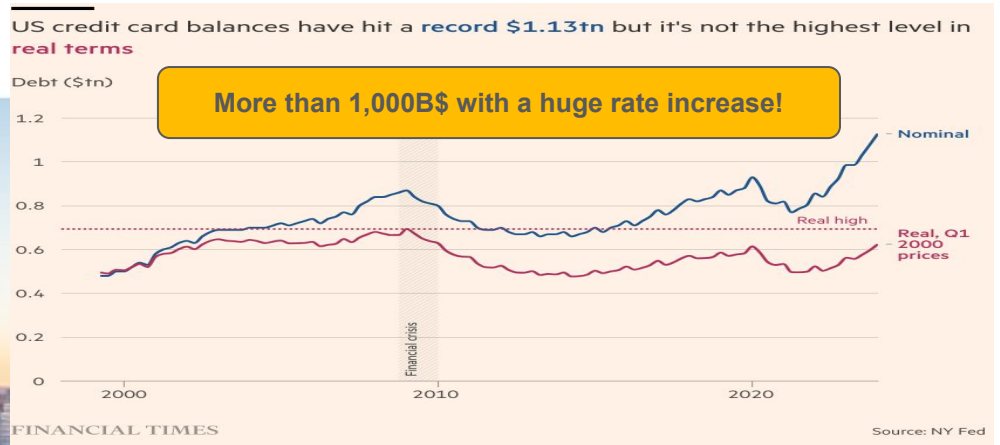


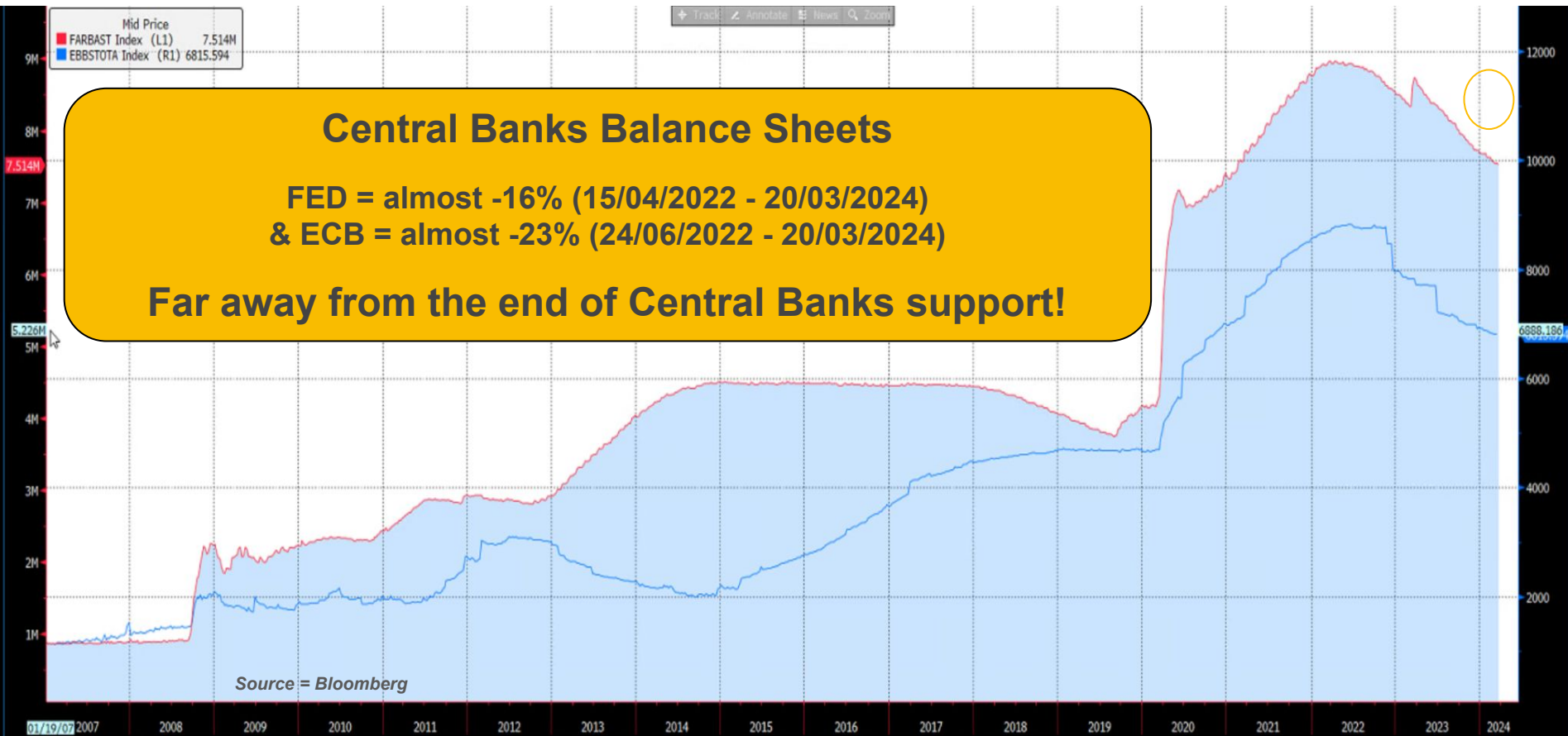


“Last year, the combined value of companies that the industry sold privately or on public markets fell 44 per cent on 2022 to its lowest level in a decade.”



Private equity groups are sitting on a record 28,000 unsold companies worth more than \$3tn worldwide



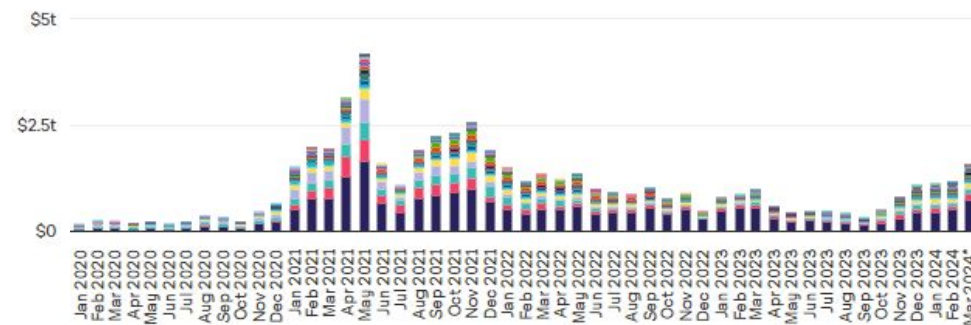


Crypto prices reached all time highs



Source = Bloomberg

Monthly crypto exchange trading volumes



- Bitcoin crossed \$73k for the first time, surpassing the \$1.37T market cap of silver
- Ethereum hit its own milestone of \$4k before receding slightly
- Monthly exchange trading volumes are picking up after reaching lows post FTX bankruptcy
- Source: theblock.co

bitcoin seems to be making a comeback



9% of French people own crypto-assets

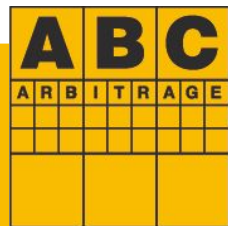
Individual ownership rate of investment products in the French population



Source: New retail investors in France, OECD, November 2023

- 9% of French people own crypto-assets (versus 7% for listed shares)
- Source: The AMF Household Savings Observatory Newsletter, Nov 2023

The digital assets ecosystem still seems to offer real opportunities!



7. Springboard 2025 plan. Decisions for 2024

Cornerstones for Springboard 2025

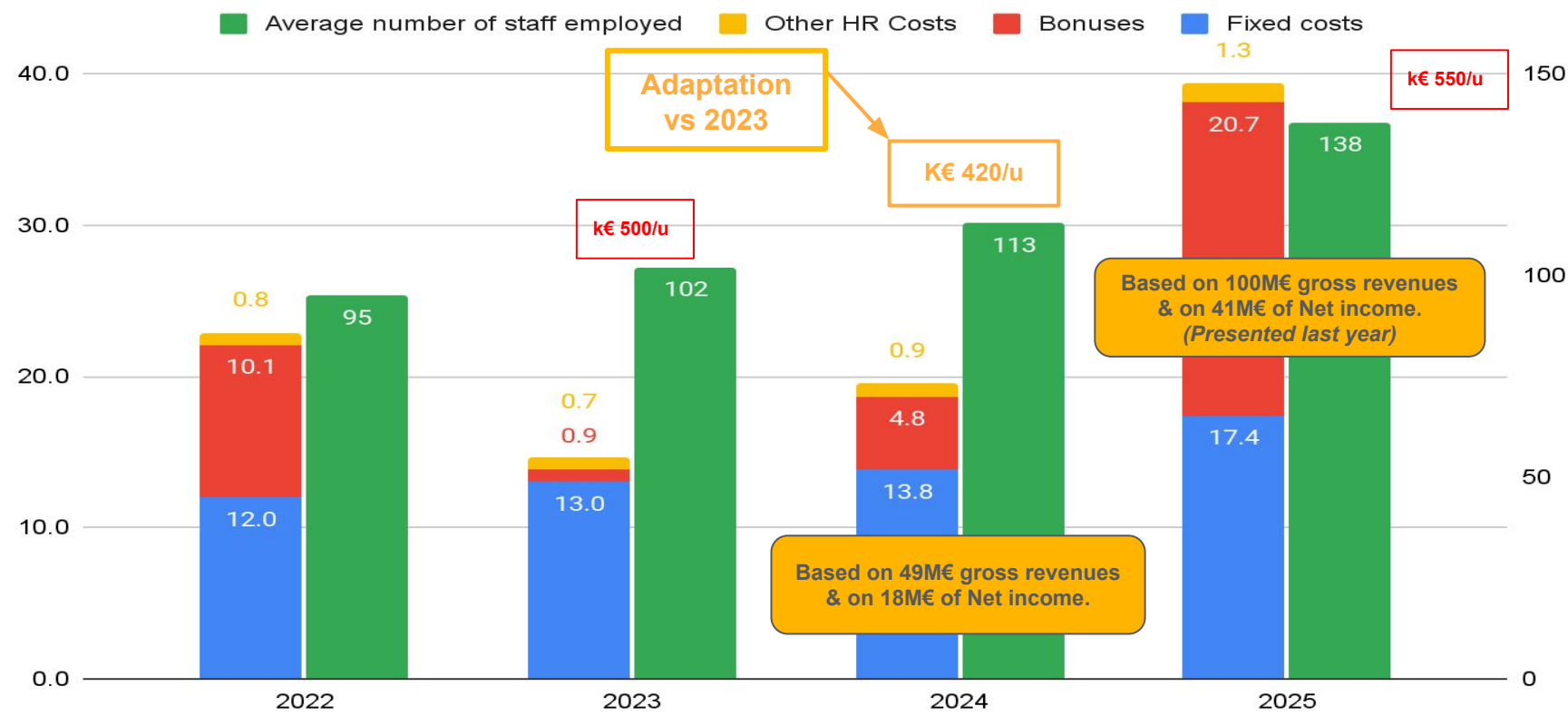
- Cornerstone 1 - ABC Equity invested in ABC strat. - For Return & Seed Money.
- Cornerstone 2 - Substantial group investment in HC but under PnL threshold.
- Cornerstone 3 - Substantial group investment & implication in IT.
- Cornerstone 4 - Develop scalability to succeed in further growth.

Core Business (CB)

- Continued diversification - Multi Assets / Geography / Investment Strat.
- Focus on significant alpha strategies with global correlation to the 3MP.
- Focus on “niche” investment strat. (from 5M€ to 100M€ capacity).
- Increase the number of our strat. to increase our diversification/mutualization.

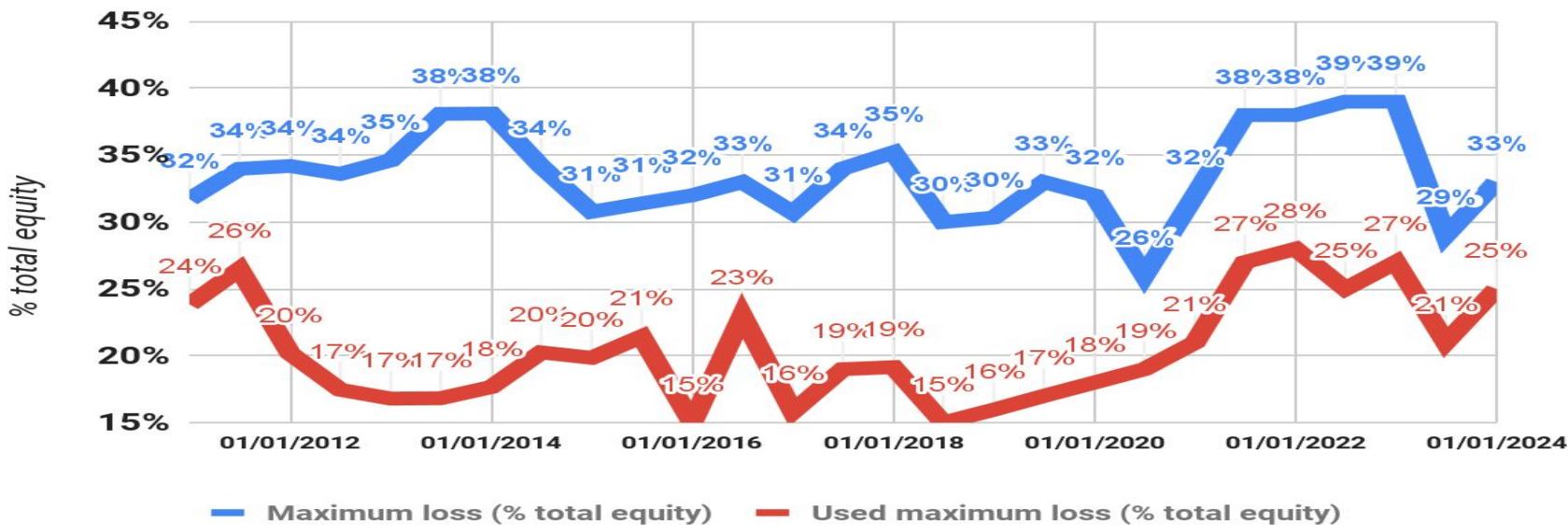
Asset Management for External Third Party (AM-ETP)

- Increase the capacity for AM-ETP.
- Renew AM-ETP business & develop Turnover on MF&PF ETP.
- Focus on our expertise - ABC is not a global player so far.
- Develop an extensive but selective catalog of products & management vehicles for ETP.

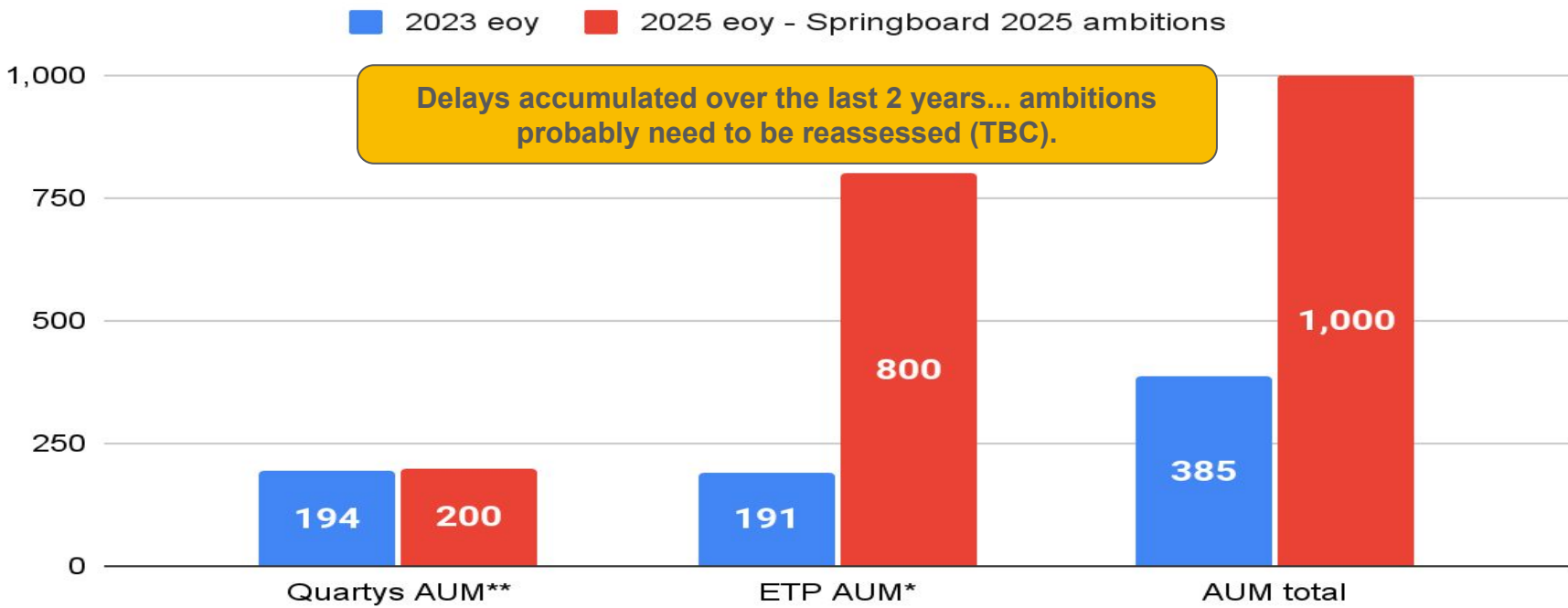


The 2023 risk budget was based on the PPMAX ratio with a limit of 40% of ABCA Equity
The 2024 risk limit will evolve towards a new limit of 46% (+15%)

Maximum Risk Budget for ABC group since 2010

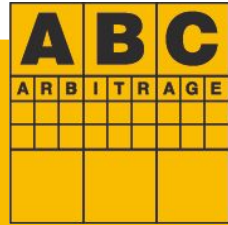


ABC arbitrage ambitions for Asset Management



*ETP = External Third Party, i.e. excluded ABC arbitrage Equity. AUM = Asset Under Management.
**QUARTYS AUM = Asset Under Management used to charge fees by ABC arbitrage AM and ABC arbitrage AM Asia. QUARTYS is a 100% subsidiary of ABC arbitrage.

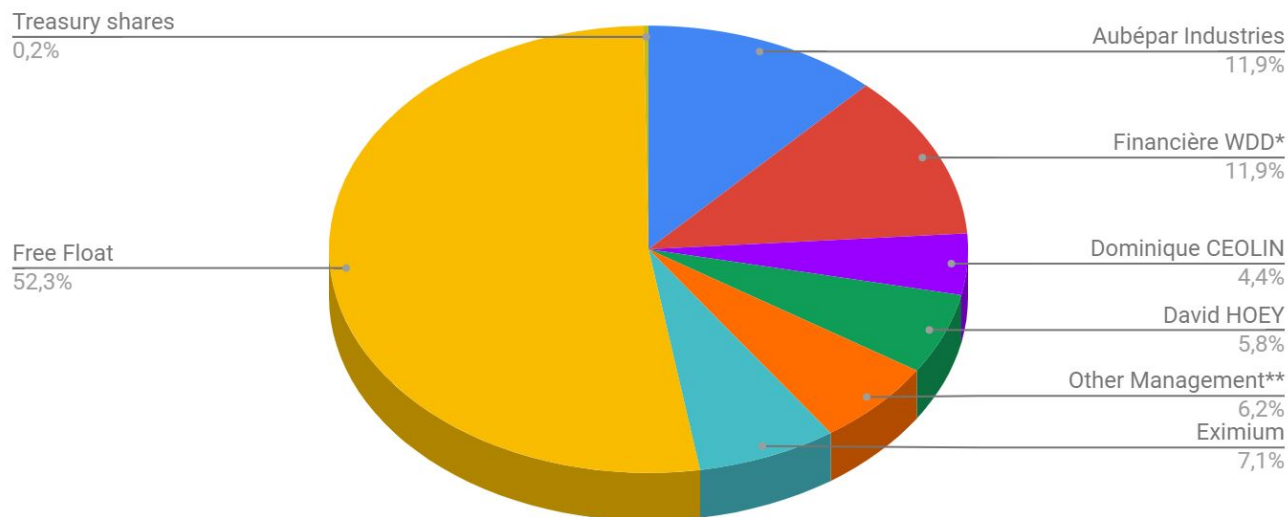
	+3 months	+6 months	+12 months
Core Business	#Objectives for digital assets strategies following the relaunch of the business.	#ABC 2022 Strat => Visibility and improvements expected even in low volatility environments	#ABC 2022 added results expected #Springboard 2025 Strat. visibility expected
Asset Management	#ABCA Funds - To adjust => which expectations of visibility on the 2023/2024 works.	#Springboard 2025 objectives - To be confirmed or to be modified	#Depends on previous stages
Human Capital	#Treshold PNL/u confirmation @420K€/u instead 525K€/u	#Focus on Core Business Investment #Market Watch on HR market	+10 People (under treshold 420K€/u) +2M€ on HR Costs
IT	#Confirmation of Springboard 2025 investments	#Confirmation of Springboard 2025 investments	#Confirmation of Springboard 2025 investments
ABCA Equity	#Specific work on ABCA equity consumption	#Distribution Commitment - Max(0.30, POR of 80%)	#Distribution Commitment - Max(0.30, POR of 80%)
Risk Budget	#Risk budget increased by 15%.	#Risk budget and ABC Equity synchronisation	#To be confirmed



8. Shares & Distributions

20% owned by Executive Top management => Alignment of interests between Shareholders and Management Team

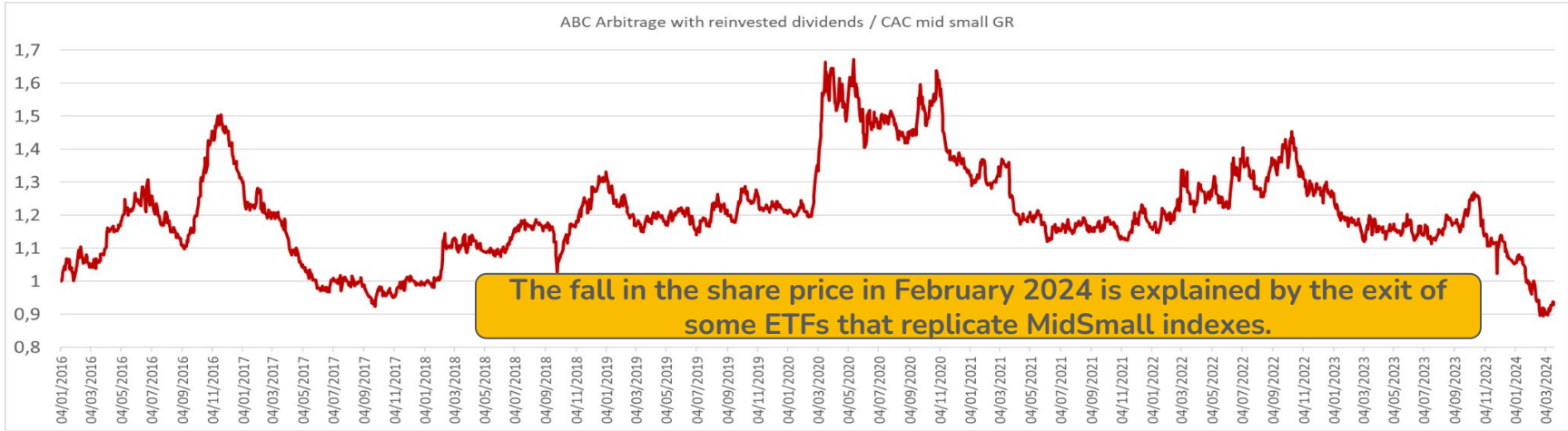
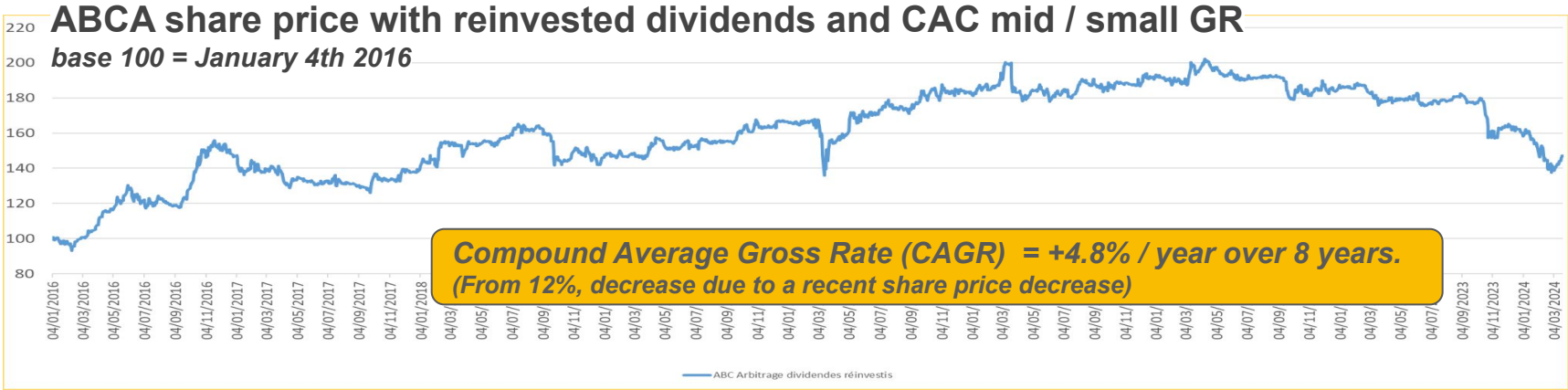
Share ownership as of 31/12/2023



* Holding company 50,01% held by Dominique Ceolin

** Management and independent non-executive directors excluding Dominique Ceolin and David Hoey

Number of listed shares
59,467,338



FY2023 distribution = €0.30

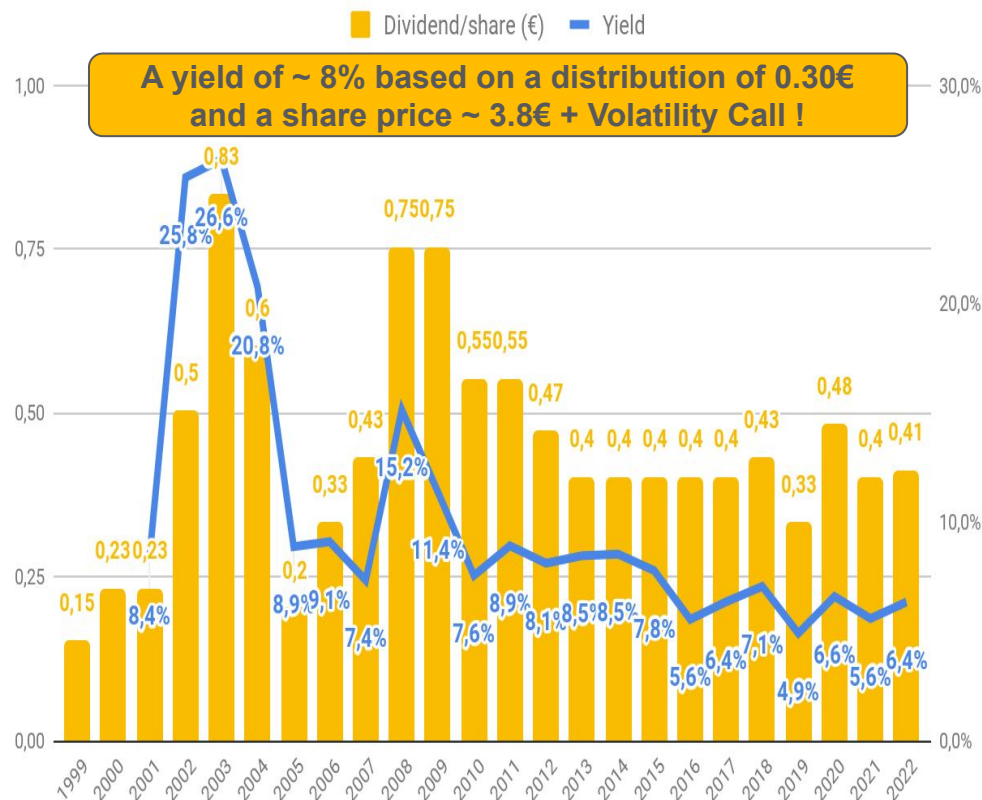
- ❑ €0.10 – Ex date 10 October 2023.
- ❑ €0.10 – Ex date 5 December 2023.
- ❑ €0.10 – Ex date 23 April 2024.
- ❑ No 2023 final dividend (TBC AGM).
- ❑ Distributions planned in Oct. 2024 (€0.10) & Dec.2024 (€0.10). (TBC - board decision - September 2024)

Buyback program

- ❑ €4m authorization by the Board in line with AGM resolution of 9th June 2023
- ❑ ~1% of share capital

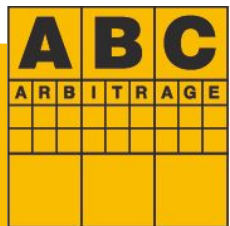
Payout Ratio (POR) Policy

- ❑ Since 1999, average POR = 98%
- ❑ 2020 & 2021 & 2022 ~ 80%
- ❑ Springboard 2025 commitment (Max(€0.30, POR of 80%)) => POR 2023~108%



This slideshow is a communication support for the investor presentation on FY2023. This document includes some forward-looking statements as statements regarding ABC arbitrage business operations. Although ABC arbitrage believes its expectations are based on reasonable assumptions, these forward-looking statements are subject to numerous risks and uncertainties, which could cause actual results to differ materially from those anticipated in these forward-looking statements.

These documents and information are given for illustrative purposes and do not substitute for official documents relating to the 2023 financial year.



Q&A