

Preview Chartbook of the *In Gold We Trust Report 2023*

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March 2023

In Our Partners We Trust



**The *In Gold We Trust* report 2023
will be published on May 24th!**

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1. Inflation - Second Wave Ahead?

*“2% inflation target behaved like a ceiling.
In the next twenty-years, the 2% inflation target will become a floor.”*

Kevin Muir

The Great Power Struggle

Deflationary vs. Inflationary Forces



Deflationary Forces:

- QT (Central Bank Balance Sheets Shrinking)
- Globally Rising Key Interest Rates
- Technology
- Onset of Base Effect
- Impending Recession

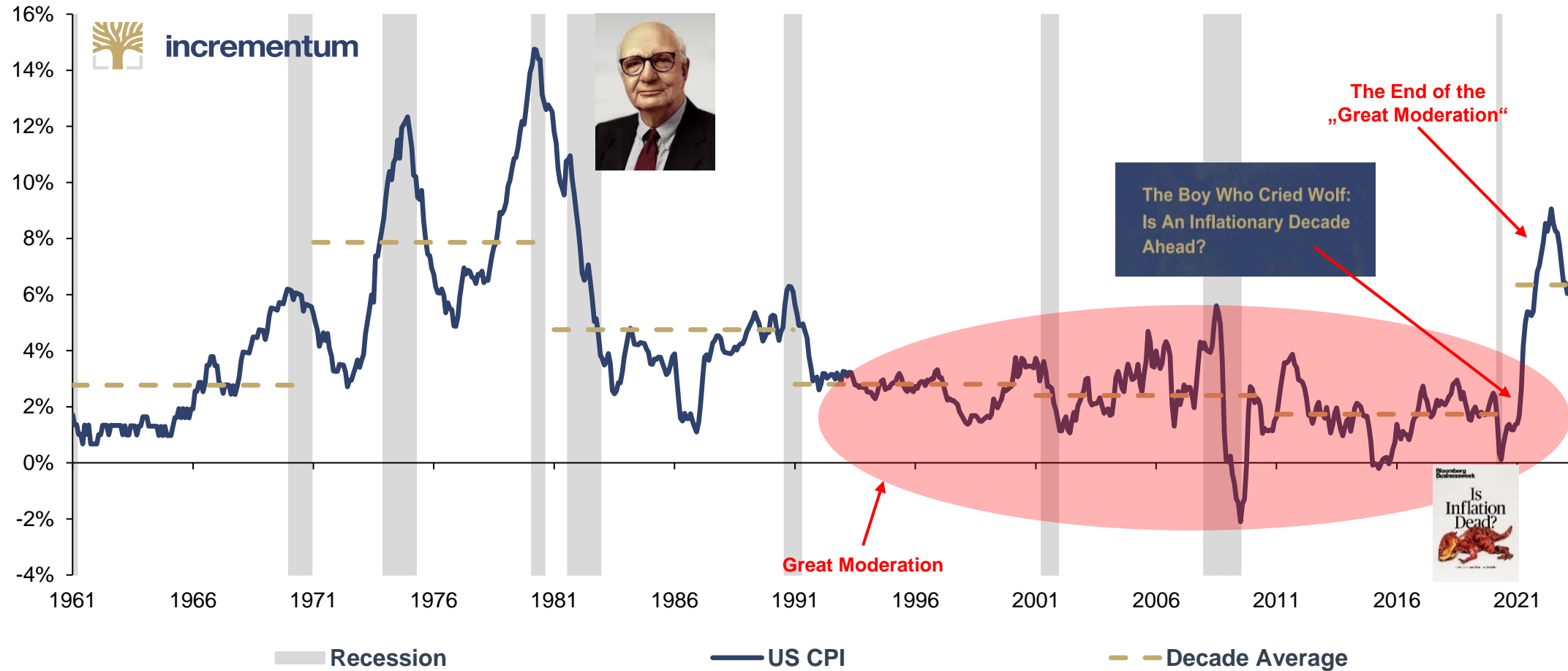


Inflationary forces:

- Geopolitical Uncertainties (War/Supply Security Threats)
- De-globalization
- Greenflation (Energy, Commodities)
- U-turn on Zero-Covid Policy in China
- Fiscal Policy More Important than Monetary Policy
- Impending Wage-Price Spiral

The Era of Great Moderation Is Over - Inflation Is Alive

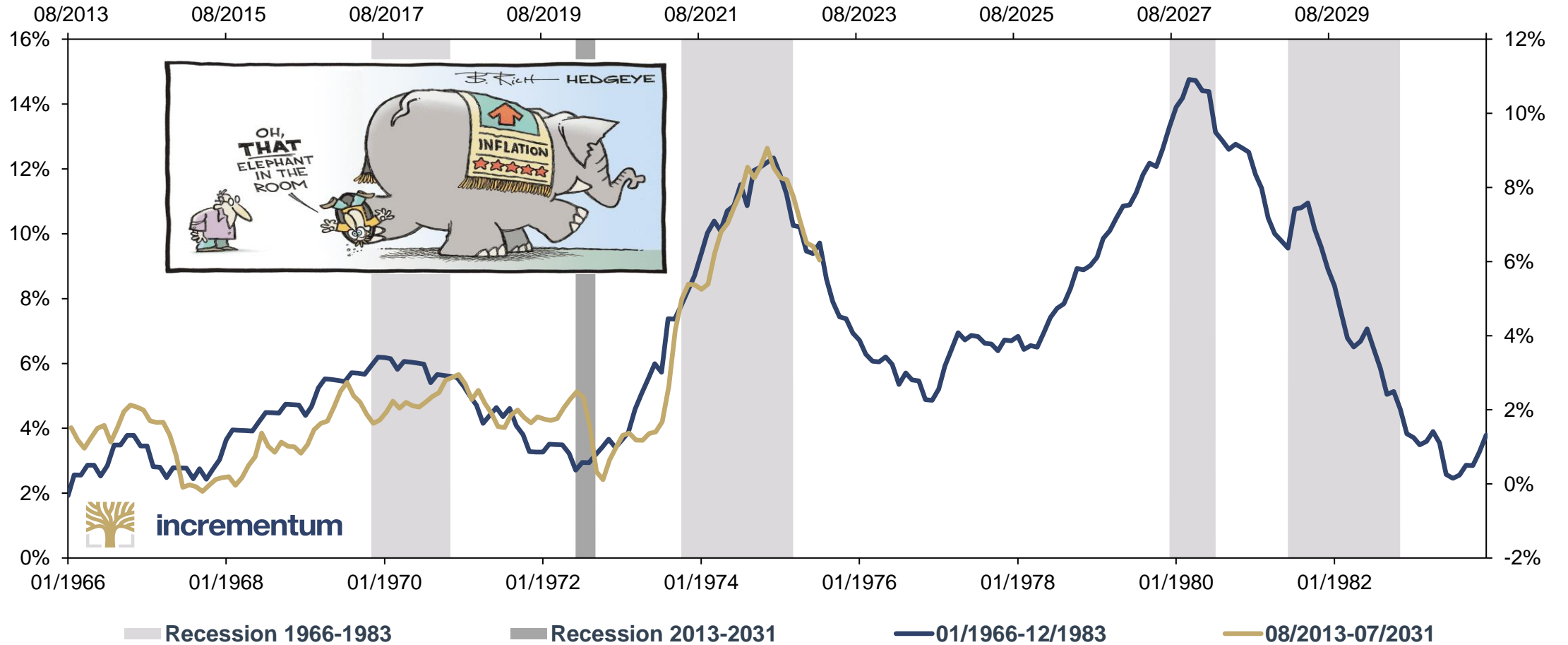
US CPI, yoy, 01/1961-02/2023



Source: Reuters Eikon, Incrementum AG

History Repeats! Disinflation Now, Next Inflation Wave Likely to Follow

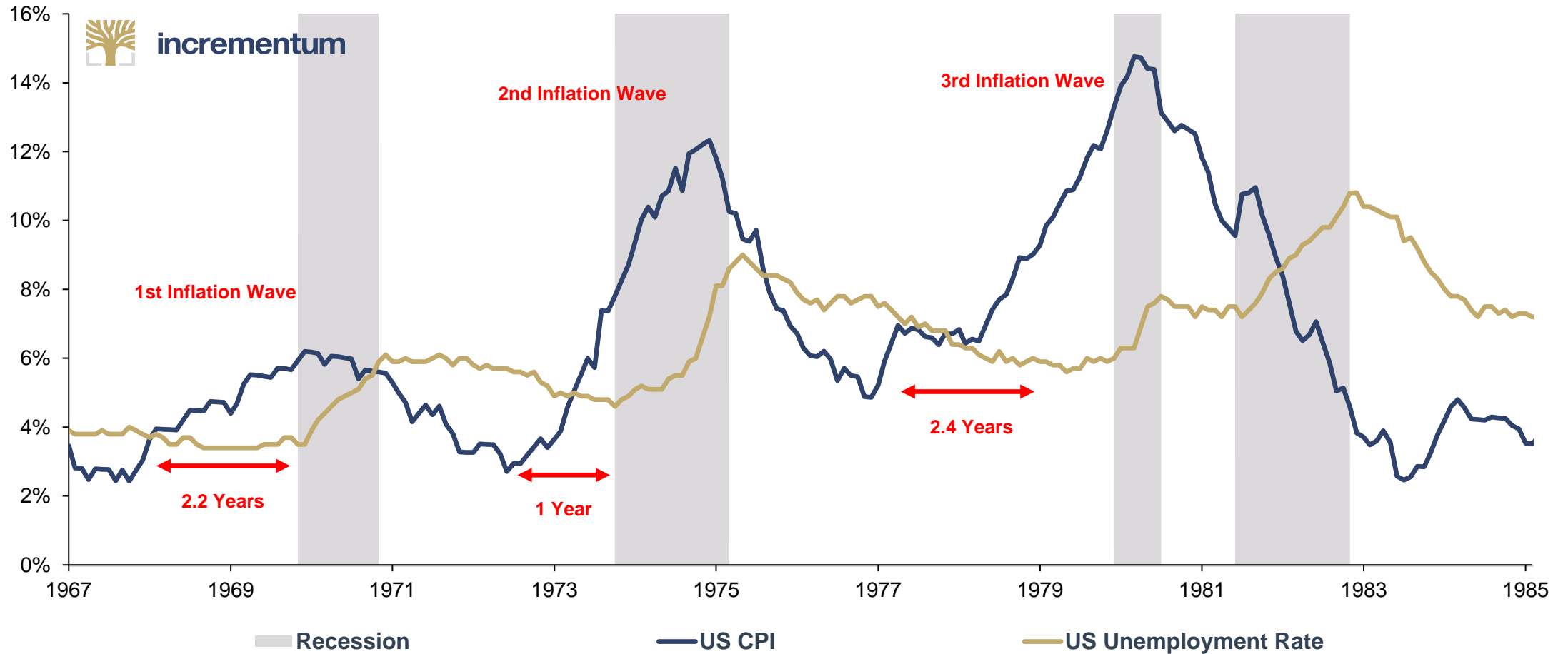
US CPI, yoy, 01/1966-12/1983 (lhs), and 08/2013-07/2031 (rhs)



Source: Hedgeye, Andreas Steno, Reuters Eikon, Incrementum AG

During the Stagflationary 1970s, It Took More than a Decade to Bring Down Inflation

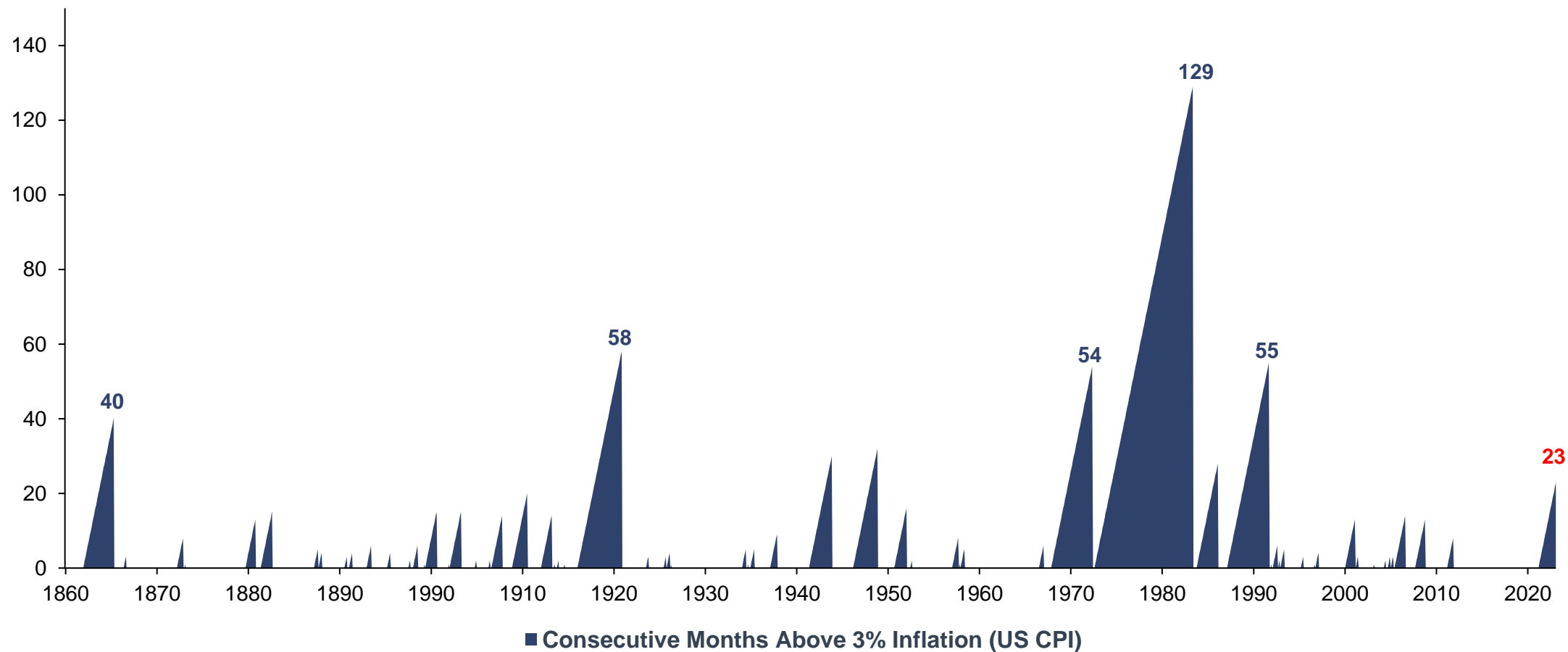
US CPI, yoy, and US Unemployment Rate, 01/1967-12/1985



Source: Crescat Capital LLC, Reuters Eikon, Incrementum AG

We Are Currently Experiencing the Longest High-Inflation Phase in 30 Years

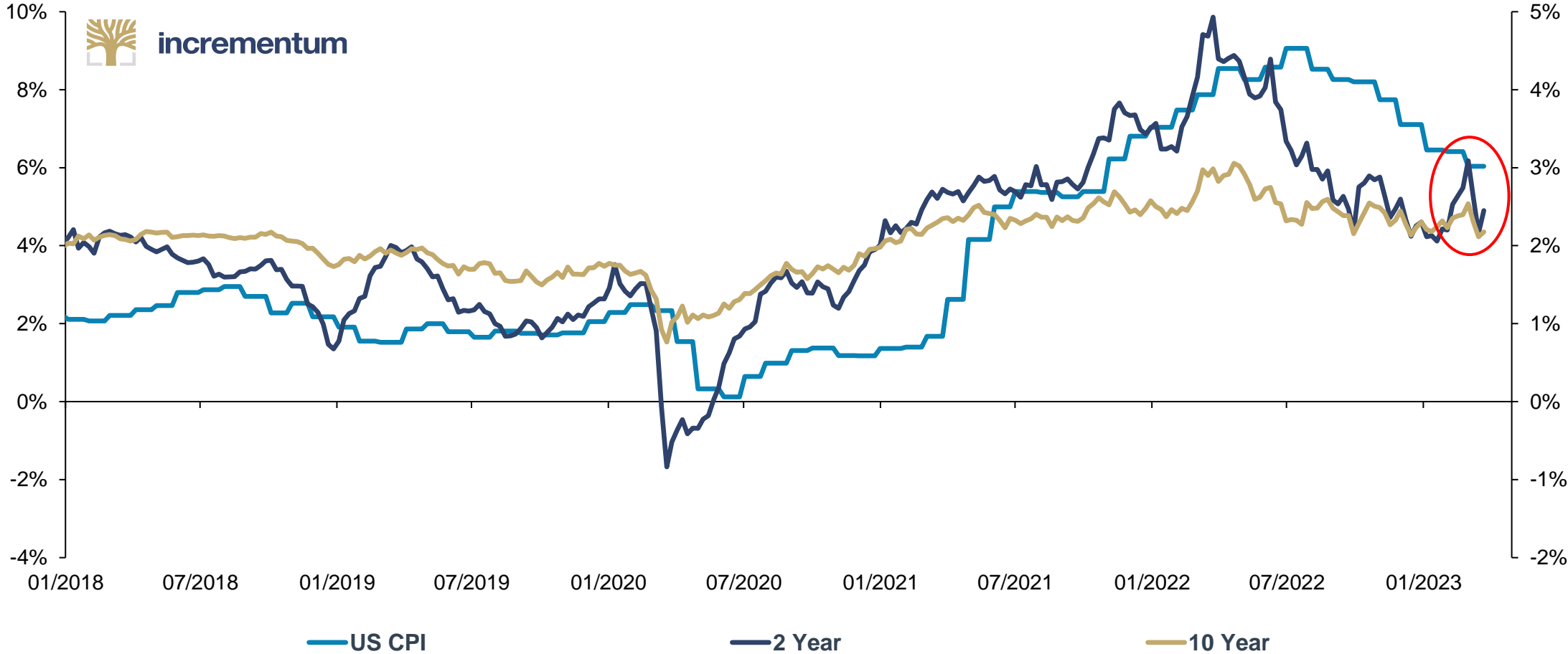
Consecutive Months Above 3% Inflation (US CPI), 01/1860-02/2023



Source: Crescat Capital LLC, Reuters Eikon, goldchartsrus.com, Incrementum AG

US Breakeven Rates Indicating Disinflationary Trend

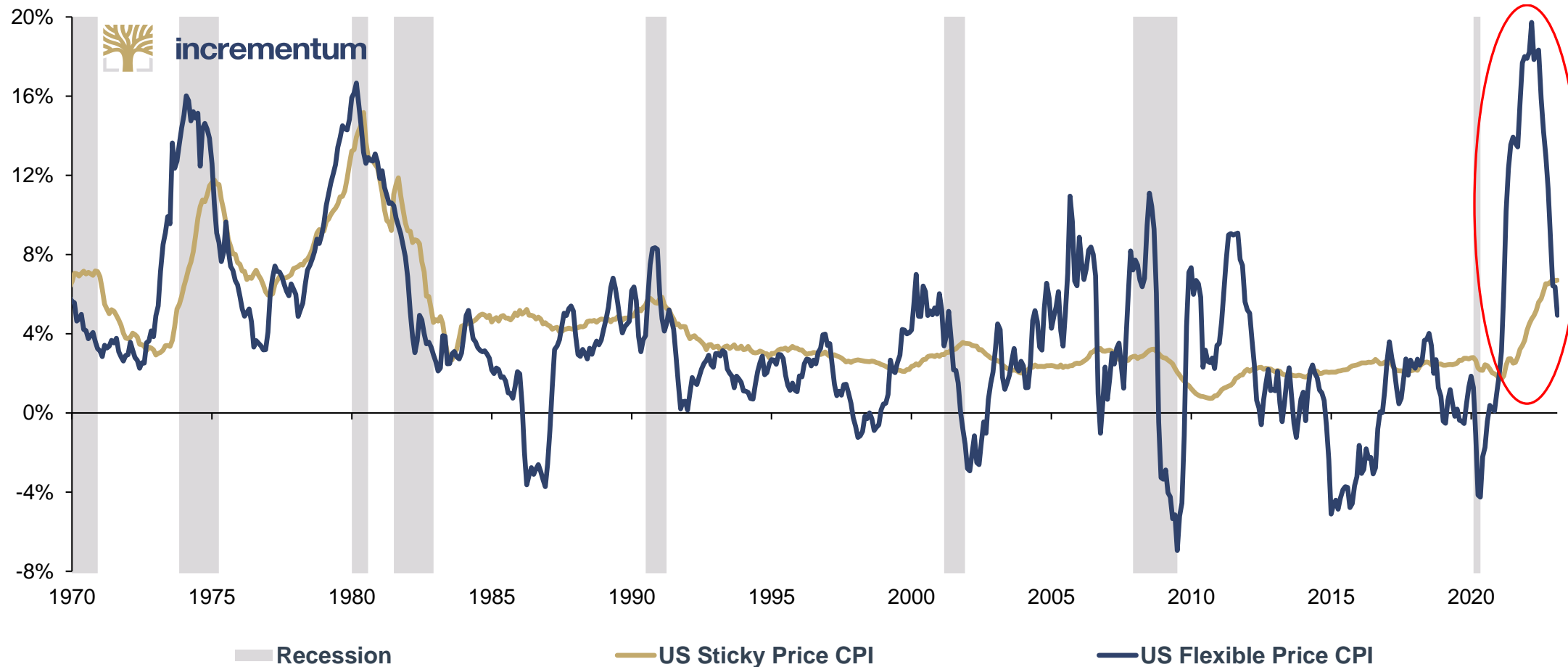
US CPI (lhs), yoy, and US Breakeven Inflation Rate (rhs), yoy, 01/2018-03/2023



Source: Reuters Eikon, Incrementum AG

Sticky Prices Remain High, Flexible Price Inflation Slows... But Sticky Prices Are 70% of CPI!

US Sticky Price CPI und US Flexible Price CPI, yoy, 01/1970-02/2023



Source: Federal Reserve Atlanta, Incrementum AG

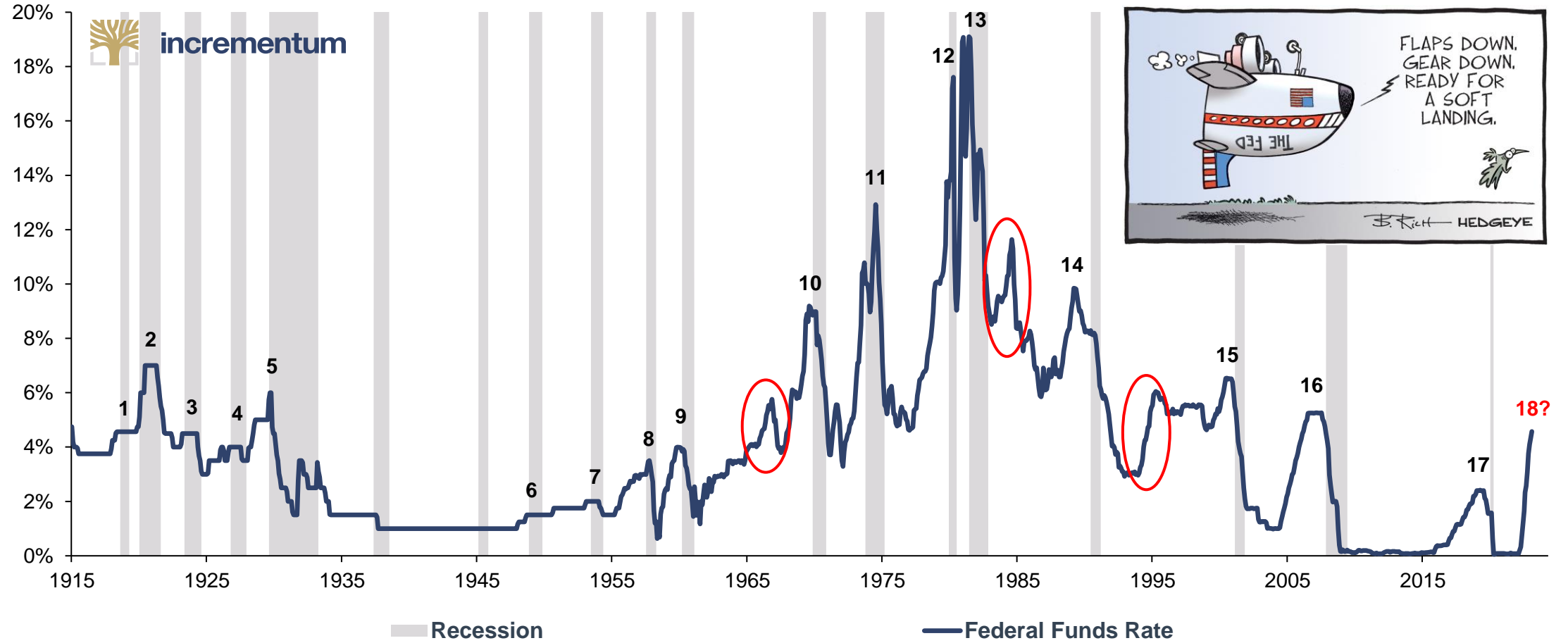
2. Waiting for a Recession

“Credit is the lifeblood of modern economies. Deteriorating credit conditions are both a signpost and a cause of recessions.”

Ed Harrison

Tightening: Only 3 out of 20 Hiking Cycles Did Not End in a Recession!

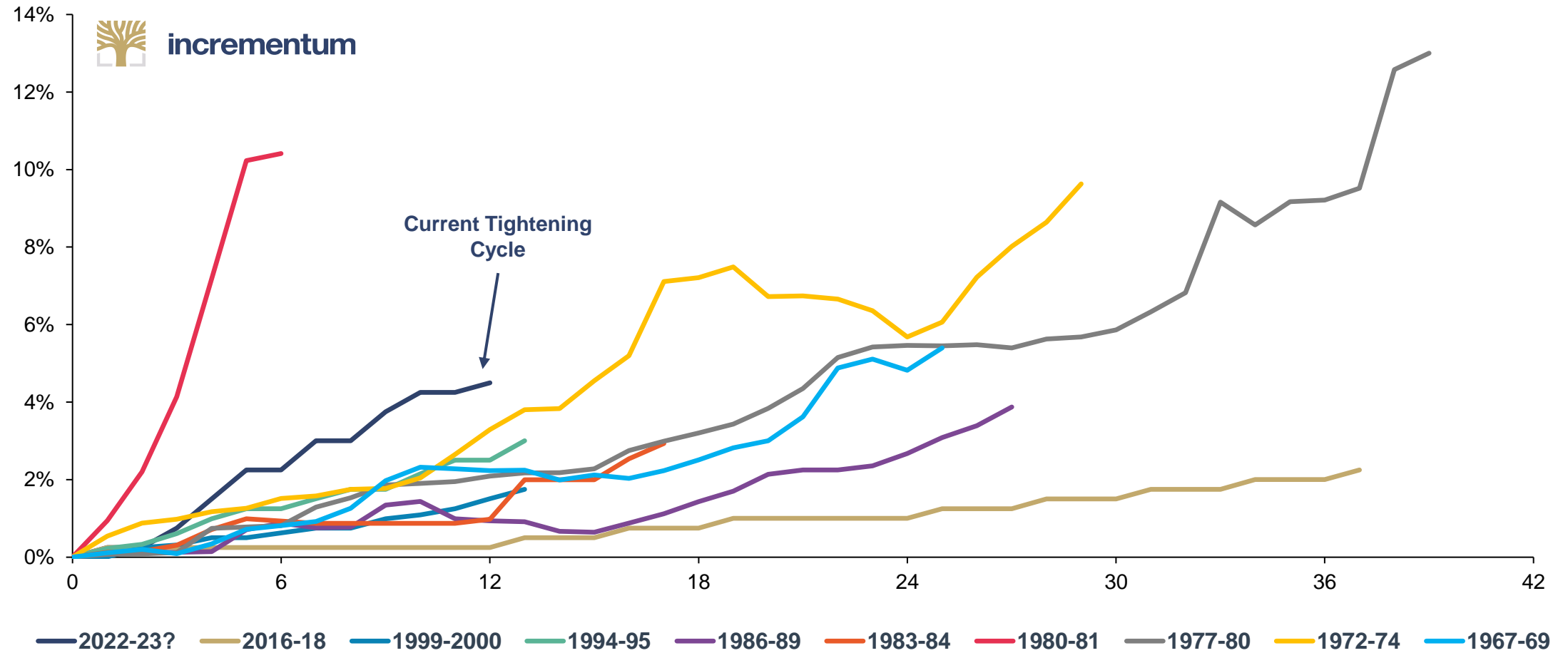
Federal Funds Rate, 01/1915-03/2023



Source: Hedgeye, Reuters Eikon, Incrementum AG

This Is the Second Most Aggressive Rate Hike Cycle on Record!

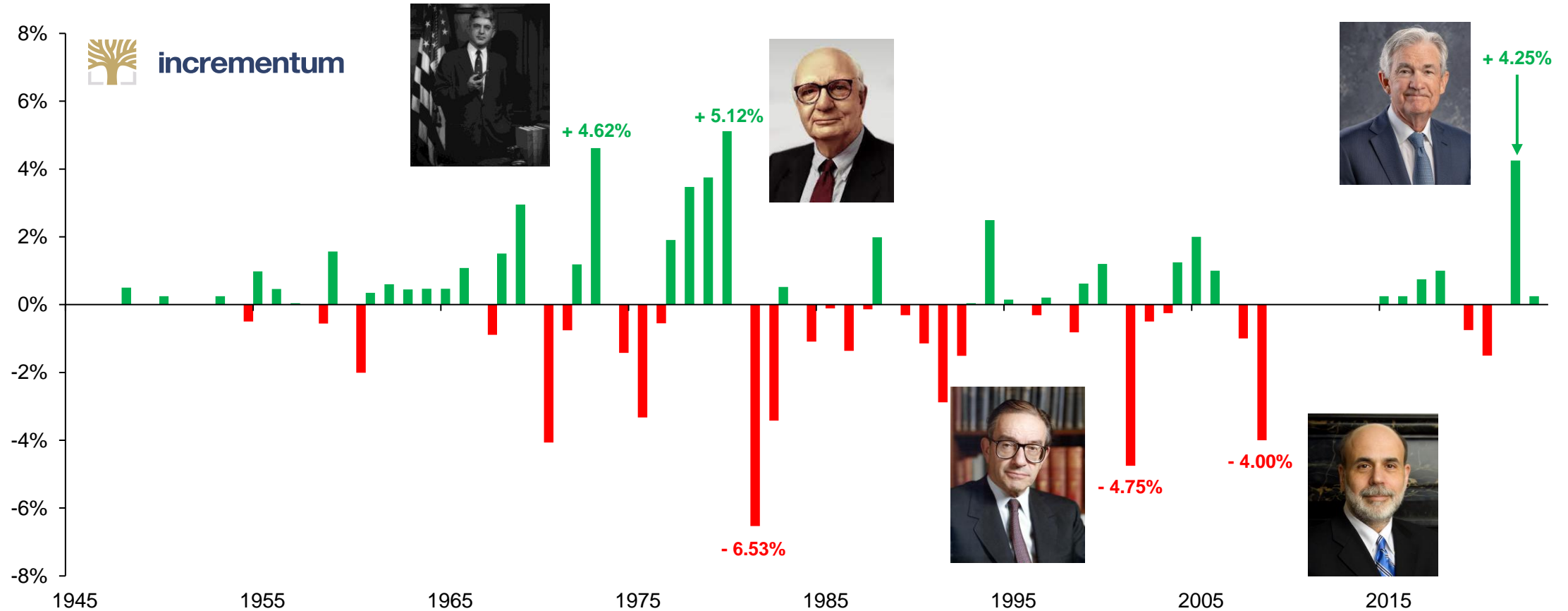
Fed Rate Hiking Cycles, in Months, From Date of First Rate Hike, 1967-2023



Source: Federal Reserve St. Louis, Reuters Eikon, Incrementum AG

2022 Saw the Third Highest Yearly Increase in the Federal Funds Rate Since the Founding of the Federal Reserve!

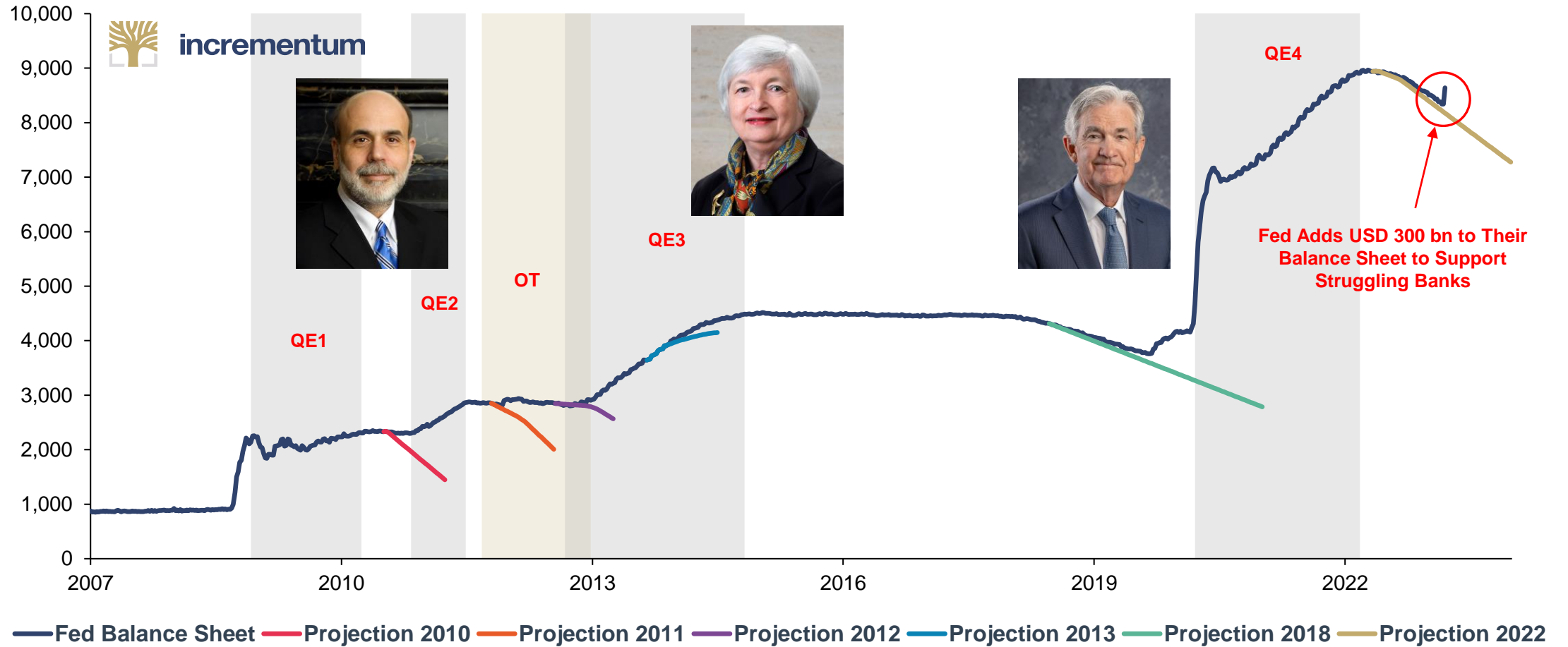
Annual Change in Federal Funds Rate, 1915-2023



Source: Reuters Eikon, Wikipedia, Incrementum AG

Quantitative Tightening: Projection vs. Reality

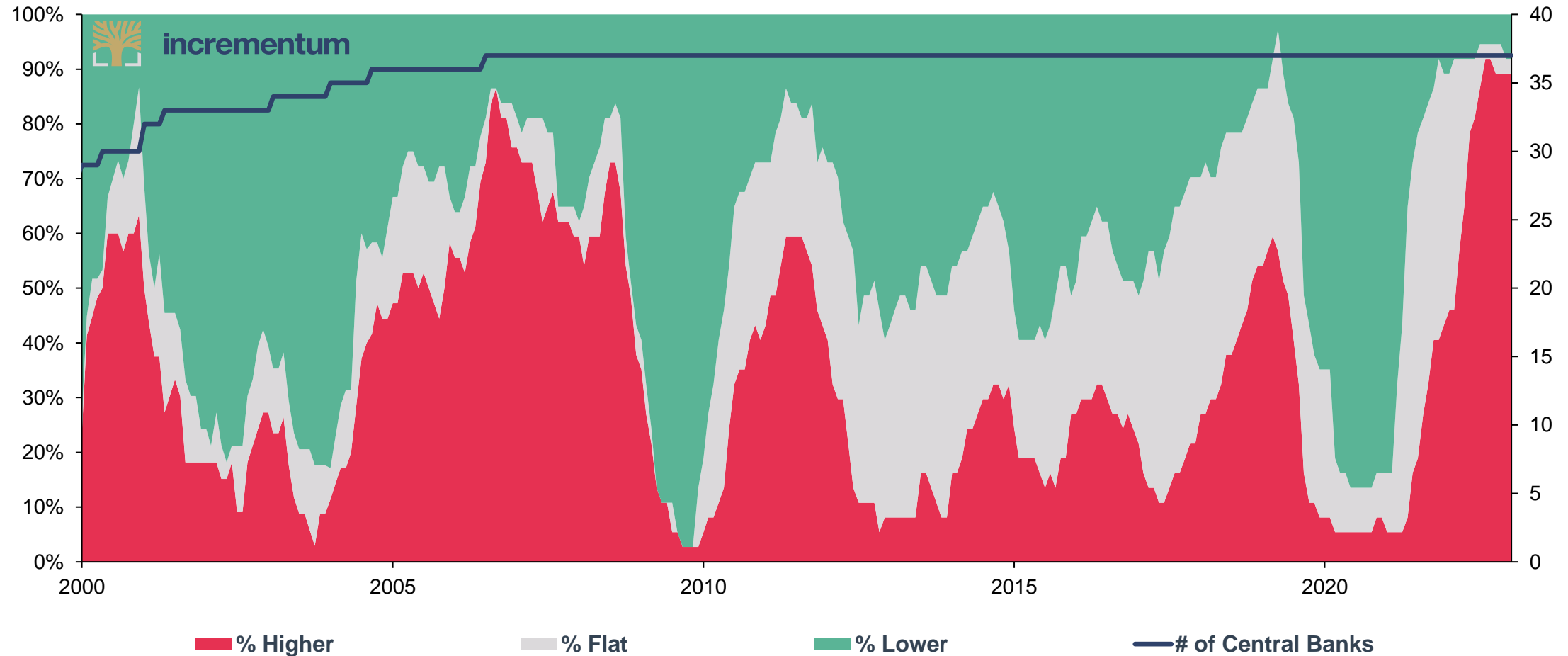
Fed Balance Sheet Path, in USD bn, 01/2007-01/2024e



Source: Reuters Eikon, Wikipedia, Federal Reserve, Incrementum AG

Out of 37 Central Banks, only China, Russia and Turkey are Easing on a Year-on-Year Basis!

Global Central Bank Policy Rate Trajectory (lhs), yoy, # of Central Banks (rhs), 01/2000-01/2023



Source: BIS, Incrementum AG

"Whatever it Breaks": Mortgage Rates: +4% in 2 Years - Hard to Digest!

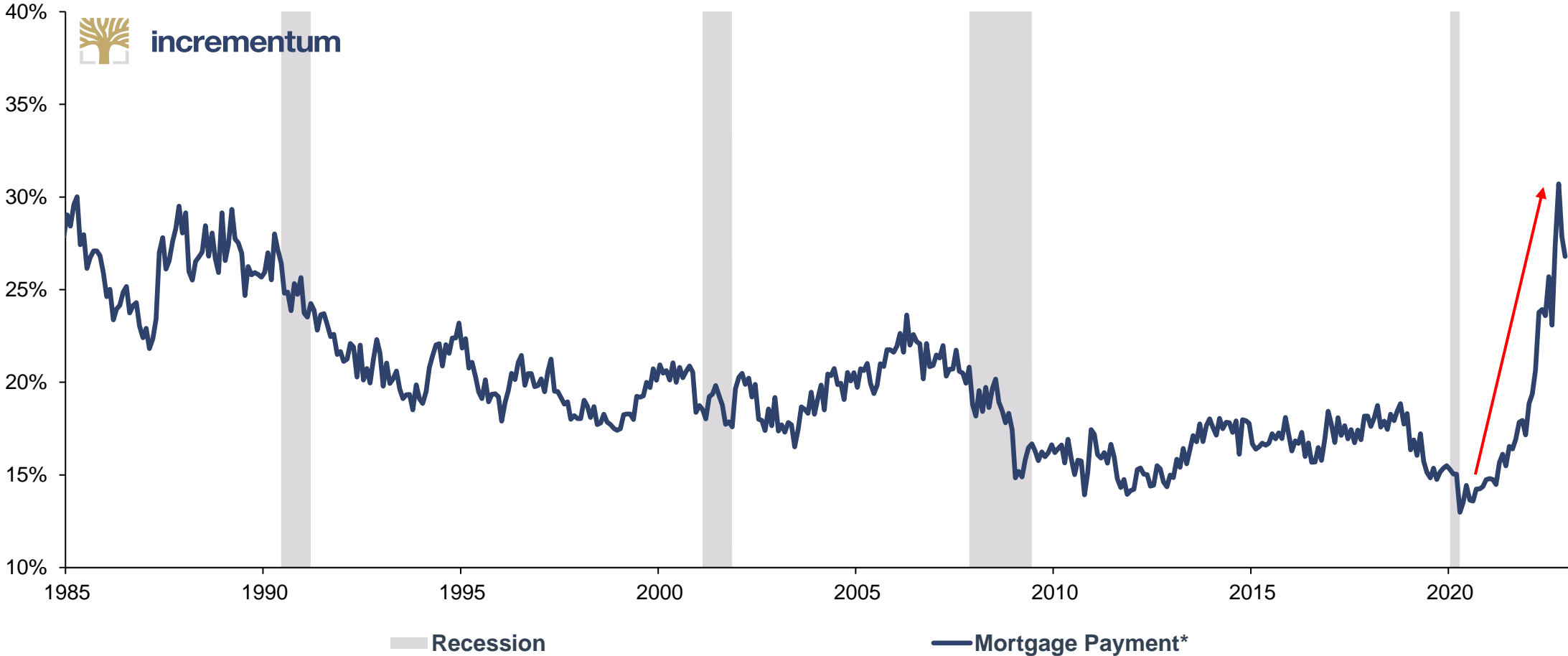
US 30-Year Fixed Rate Mortgage, in %, 01/1991-03/2023



Source: Reuters Eikon, Incrementum AG

"Whatever it Breaks": + 100% Increase in Mortgage Payments

Mortgage Payment*, in % of US Median Family Income, 01/1985-01/2023

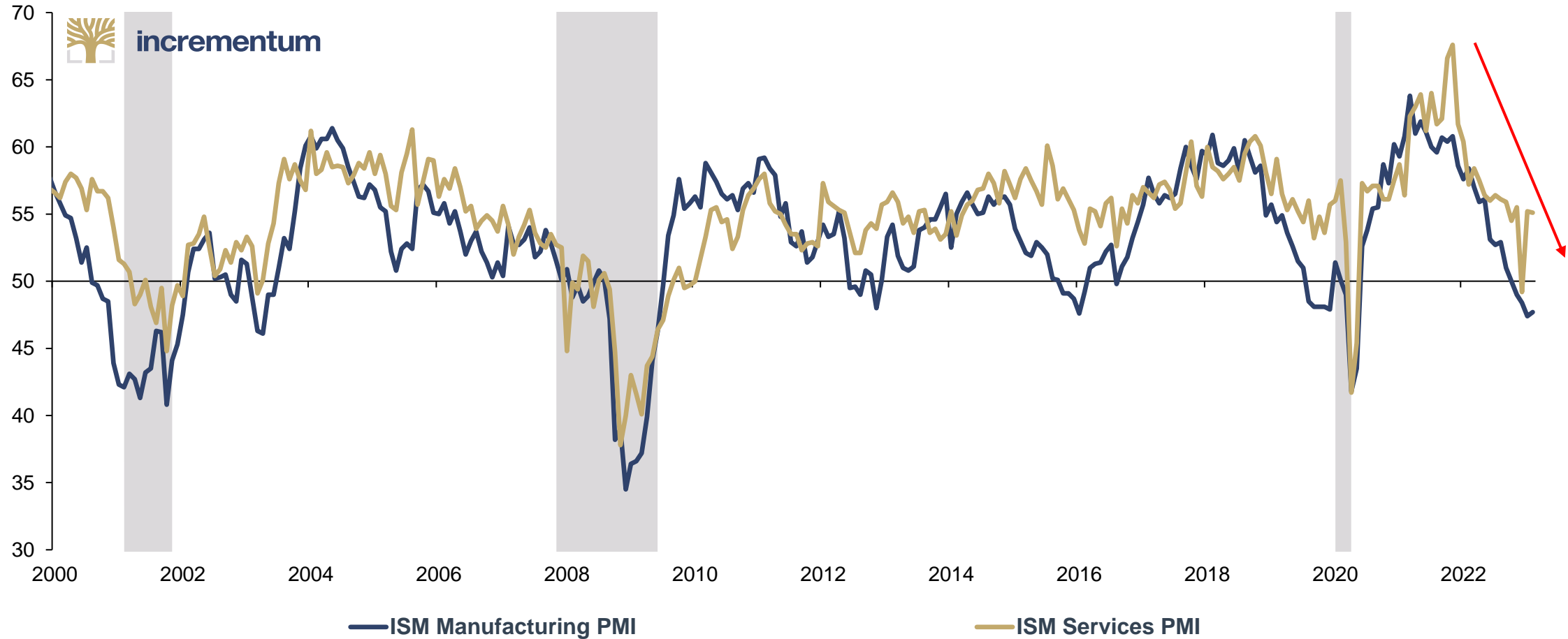


Source: Reuters Eikon, Incrementum AG

*Inputs: Rate = US 30 Yr. Fixed Rate Mortgage, Equity = 30%, Home Price = US New Home Sales (Sales Price), Income = US Median Family Income

Manufacturing PMI and Services PMI Dropping Fast

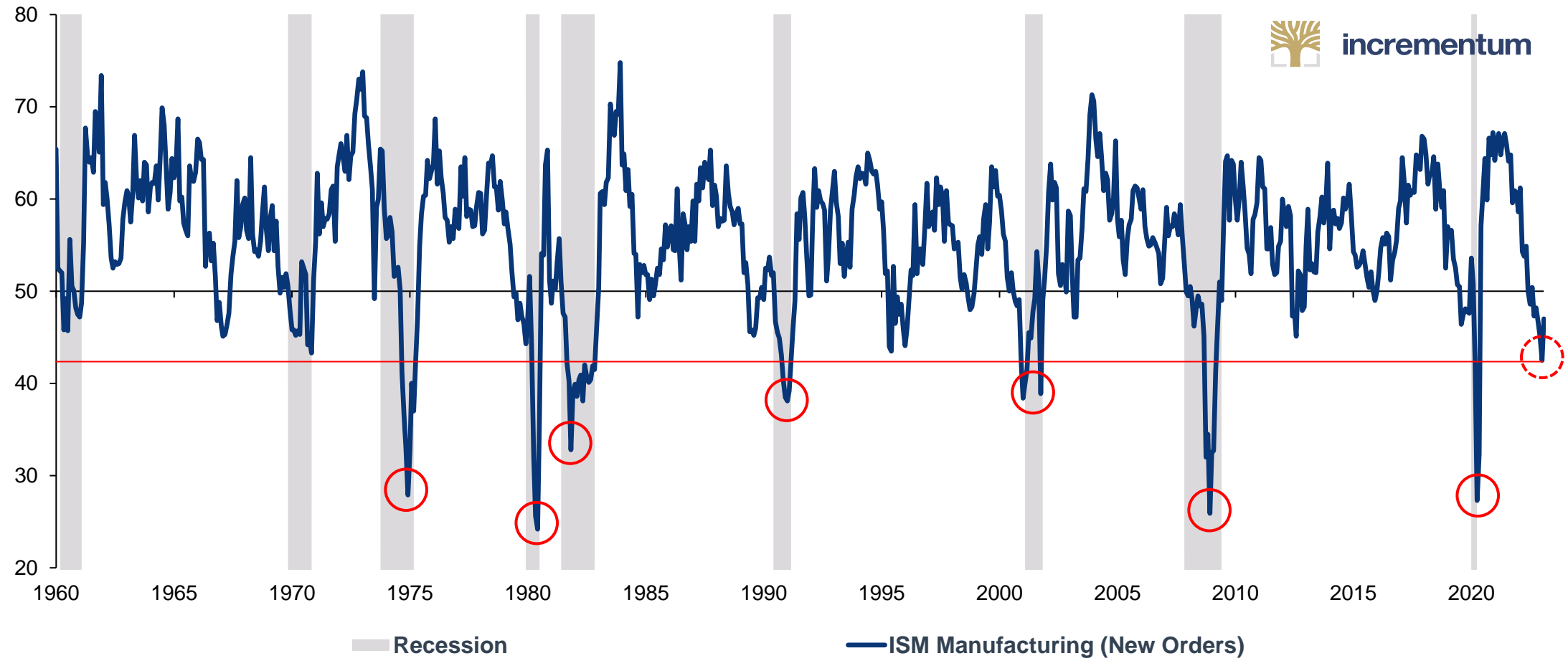
ISM Manufacturing PMI and ISM Services PMI, 01/2000-02/2023



Source: Reuters Eikon, Incrementum AG

New Manufacturing Orders are Reaching Dangerously Low Levels

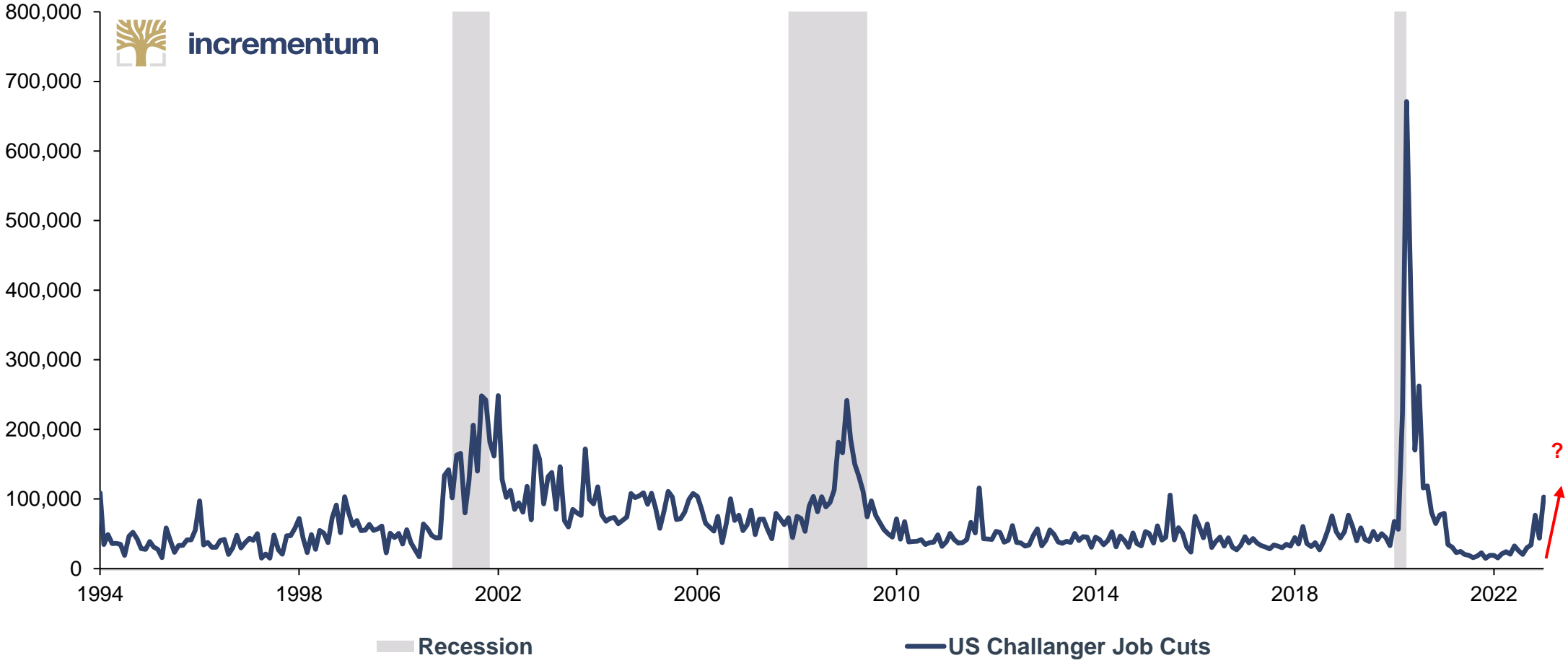
ISM Manufacturing (New Orders), 01/1960-02/2023



Source: Reuters Eikon, Incrementum AG

Recent Wave of Layoffs is Only the Beginning

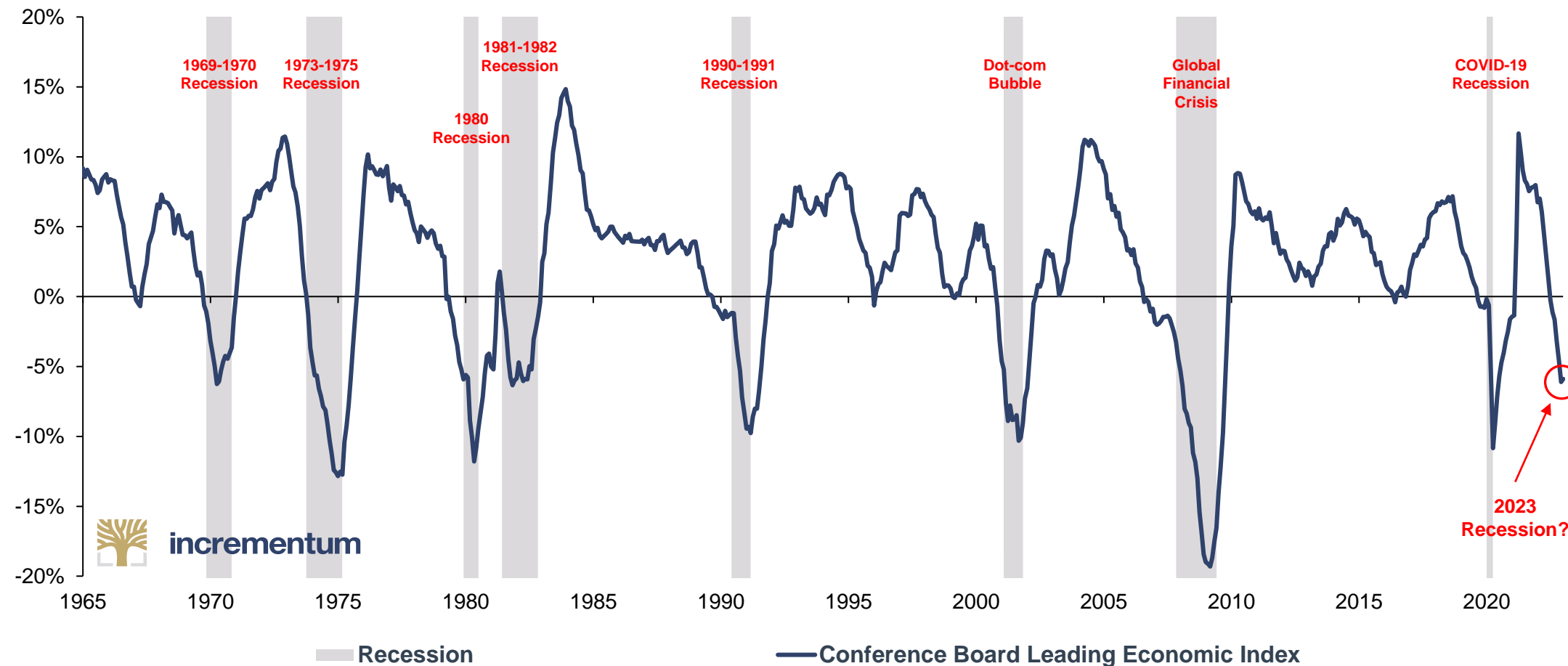
US Challenger Job Cuts, 01/1994-01/2023



Source: Reuters Eikon, Incrementum AG

Since 1965, the Leading Economic Index Has Successfully Predicted Every Recession

Conference Board Leading Economic Index, yoy, 01/1965-01/2023



Source: Reuters Eikon, Incrementum AG

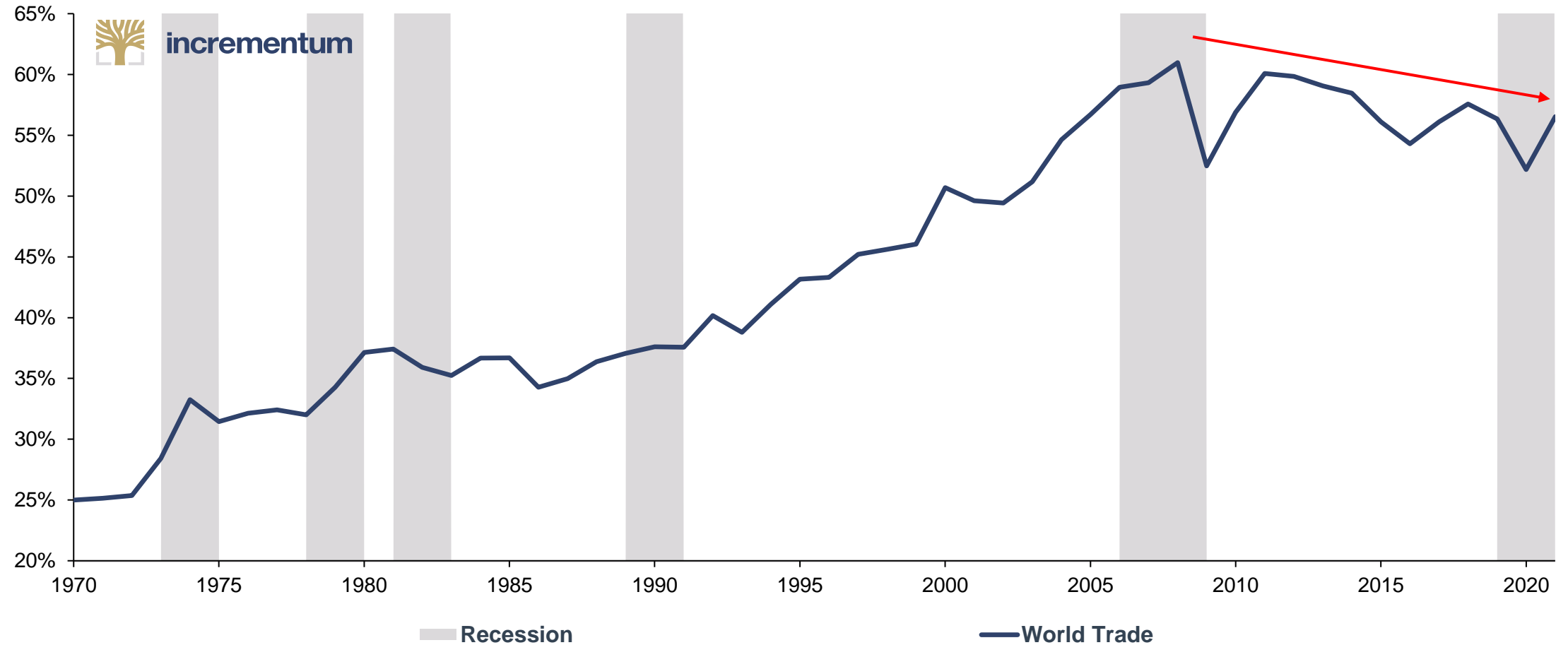
3. Geoeconomic Order Loses Gravity

“Investors are not particularly well trained to deal with geopolitical risk, because for generations geopolitics didn’t matter – anyone who traded securities or ran a portfolio since the end of World War II, did so in the cocoon of a unipolar world order”

Zoltan Pozsar

World Trade Peaked in 2008 and has Been Making Lower and Lower Highs Since!

World Trade, as % of World GDP, 1970-2021



Source: Macrotrends, Incrementum AG

Trade Between the US and China Is Declining Rapidly

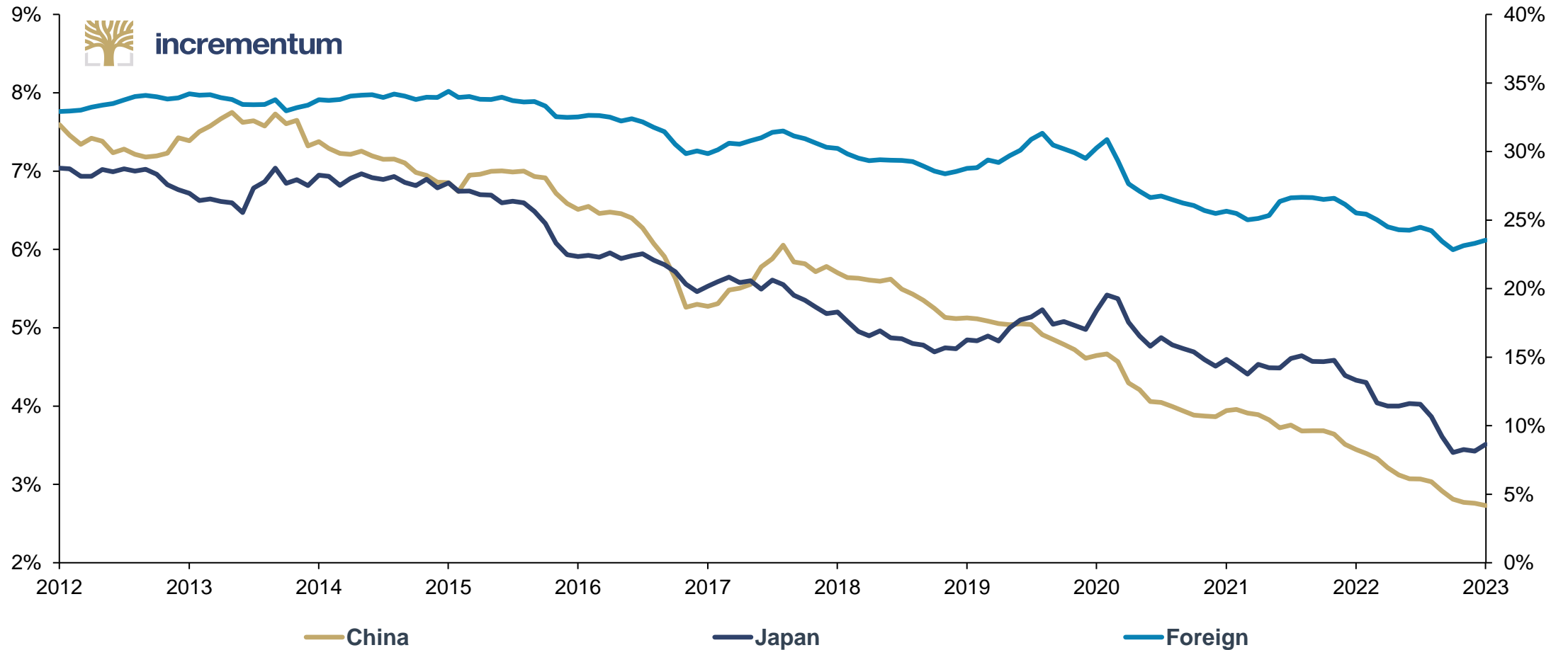
Share of US Imports and Exports to and from China (12 Month Average), 01/1990-01/2023



Source: FT, Reuters Eikon, Incrementum AG

The US Is Becoming More and More Depended on Domestic Investors

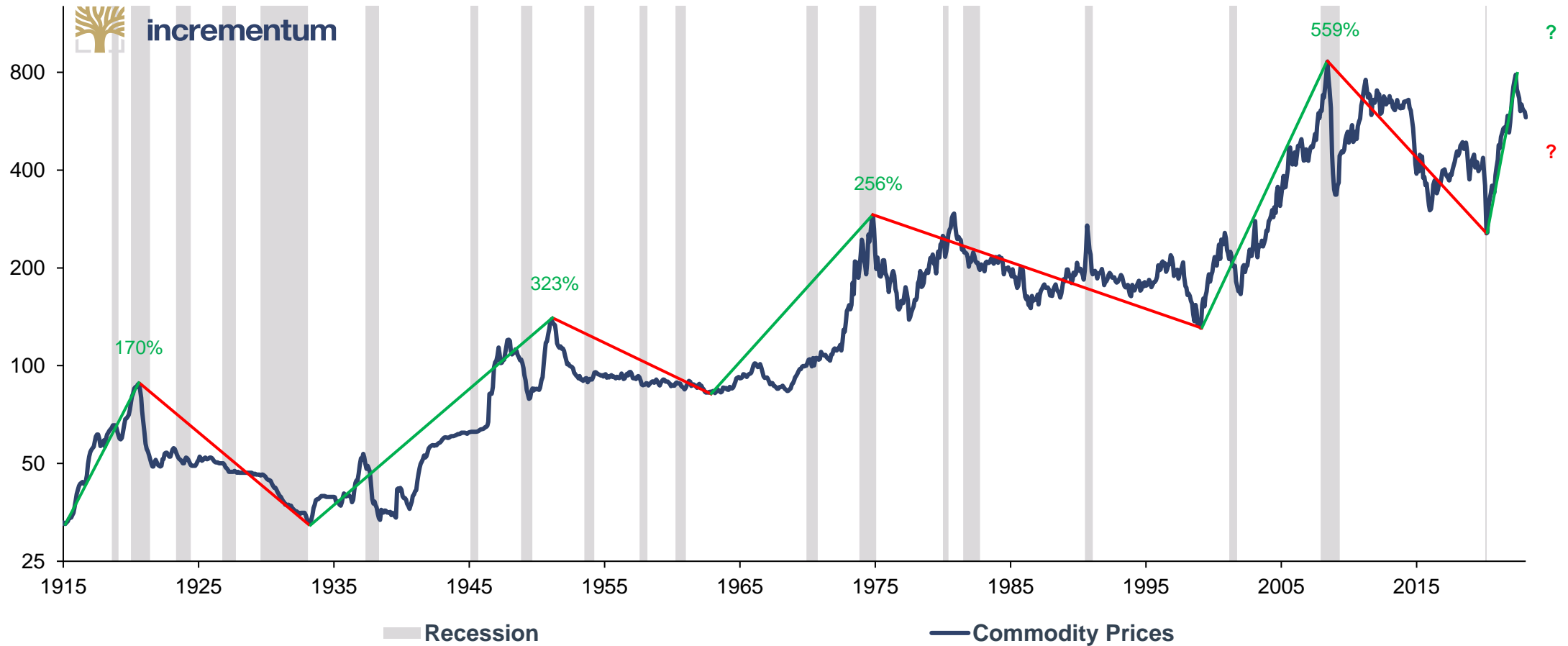
US Treasury Holdings, as % of Total US Government Debt, China and Japan (lhs), and Foreign Officials (rhs), 01/2012-01/2023



Source: U.S. Department of the Treasury, Incrementum AG

Geopolitical Risks are Structurally Bullish for Commodity Prices, but Recession and Hawkish Central Banks Currently are Currently Putting Prices Under Pressure!

Commodity Prices*, 01/1915-03/2023



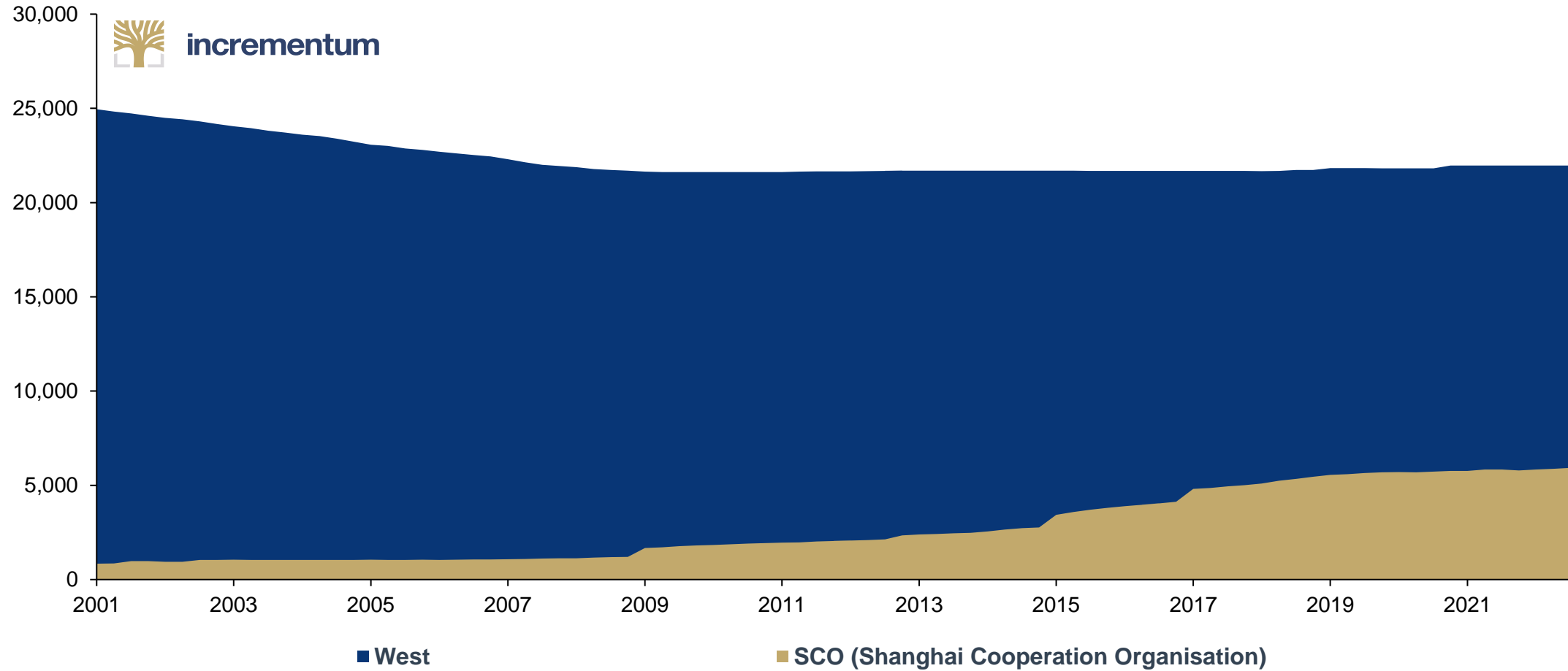
Source: Alpine Macro, Federal Reserve St. Louis, Reuters Eikon, Incrementum AG

*1913-1934 US PPI Industrial Commodities, 1935-1949 Spot Price 28 Commodities, 1950-1969 Spot Price 22 Commodities, since 1970 S&P GSCI



(1/3) Western Nations Own Most of the Gold...

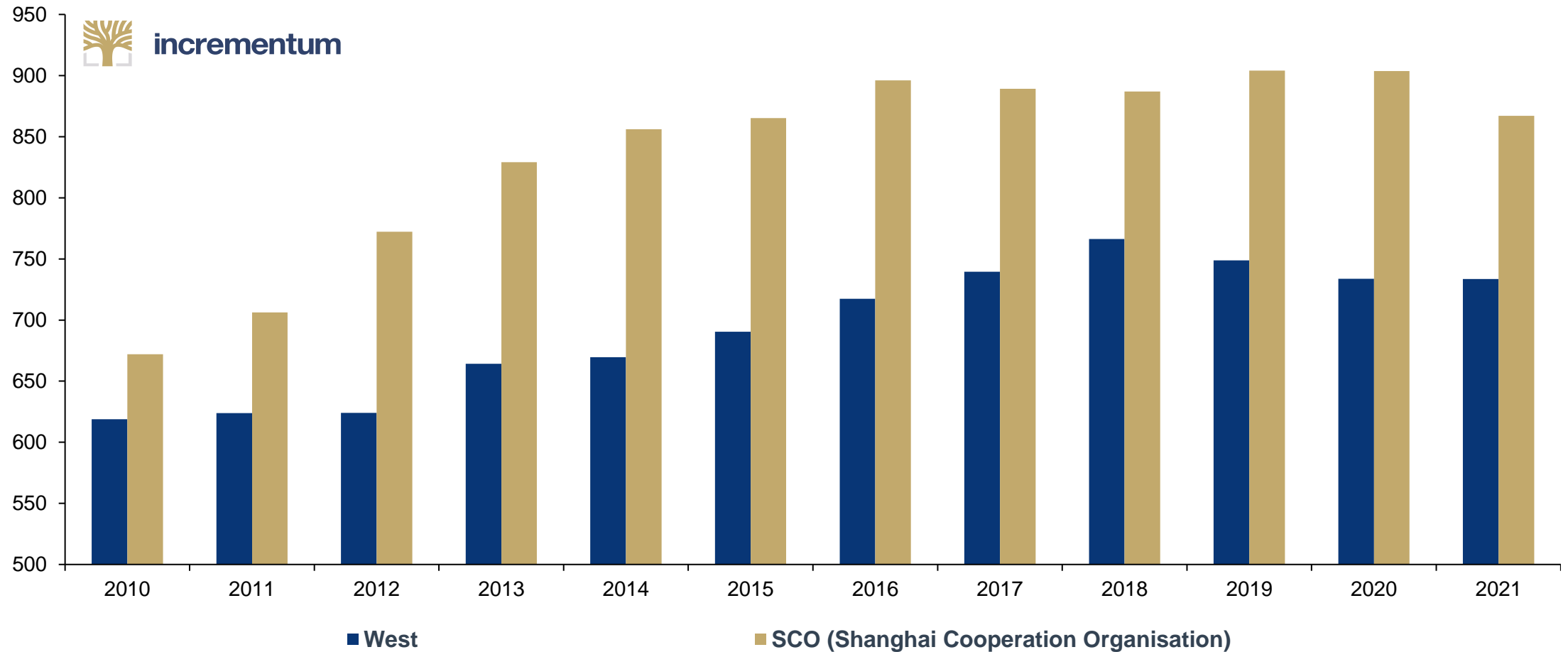
Central Bank Gold Reserves, in Tonnes, Q2/2001-Q4/2022



Source: World Gold Council, Incrementum AG

(2/3) But the SCO Countries Are the Bigger Producers...

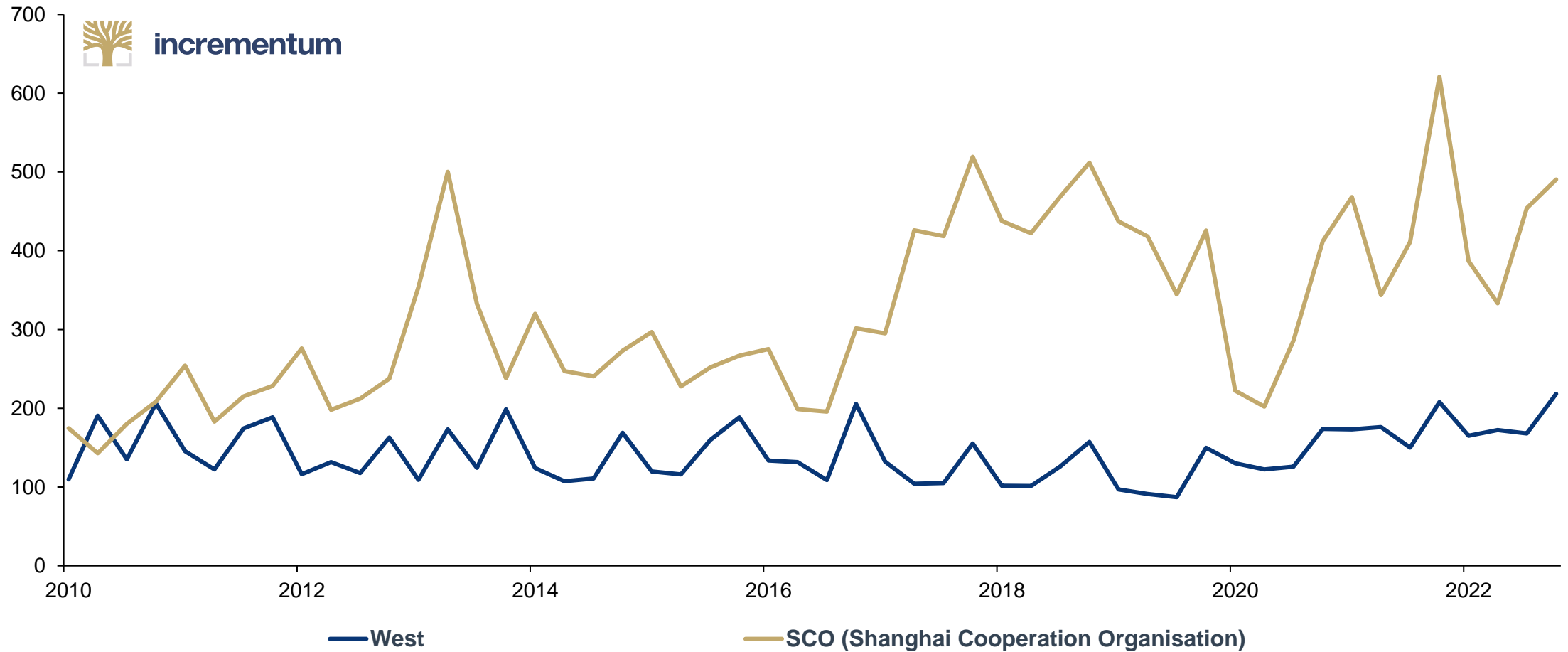
Yearly Gold Production, in Tonnes, 2010-2021



Source: World Gold Council, Incrementum AG

(3/3) As well as the Most Significant Consumers of Gold!

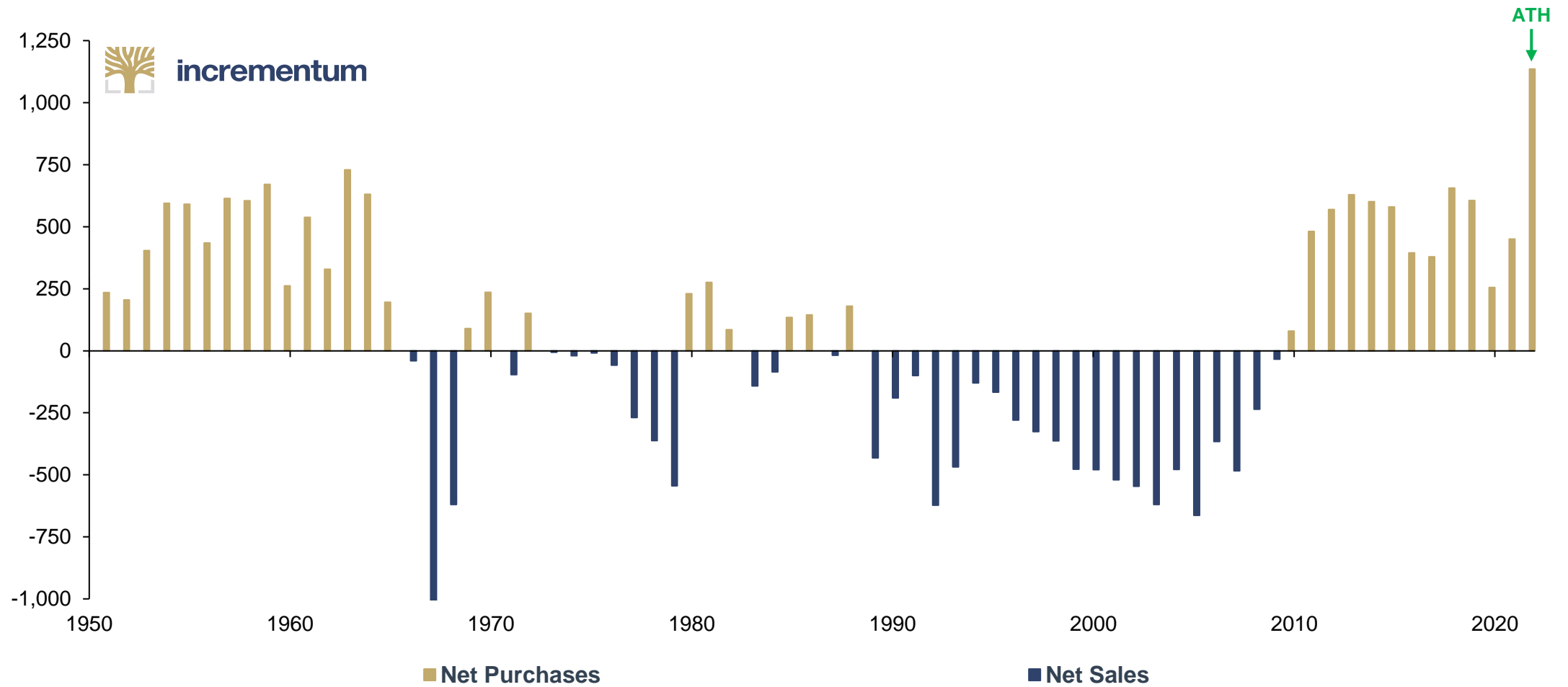
Quarterly Consumer Demand for Gold, in Tonnes, Q1/2010-Q4/2022



Source: World Gold Council, Incrementum AG

ATH: Central Banks Are Rediscovering Gold!

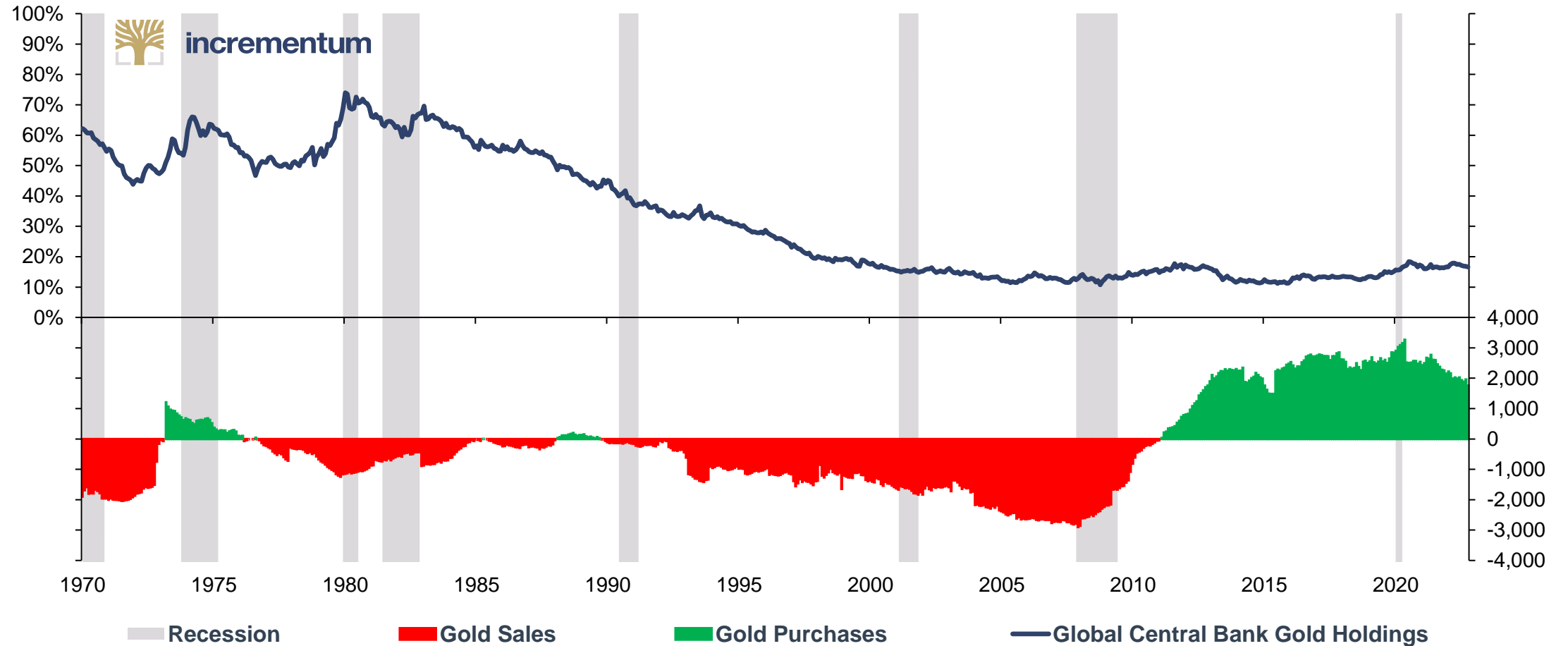
Global Central Bank Gold Purchases, in Tonnes, 1950-2022



Source: World Gold Council, Incrementum AG

The Renaissance of Gold as Central Bank Asset?

Global Central Bank Gold Holdings (lhs), as a % of Foreign Reserves, and 5 Year Rolling Gold Purchases (rhs), in mn Ounces, 01/1970-10/2022



Source: Crescat Capital, Reuters Eikon, Incrementum AG

4. The Status Quo of Gold

“If Dr. Copper has a PhD in economics, and is an expert on the business cycle, then gold is a professor with a Nobel Prize in monetary debasement.”

Charlie Morris

Gold Performance Since 2000 in Various Currencies

Annual Gold Performance, 2000-2023 YTD

Year	USD	EUR	GBP	AUD	CAD	CNY	JPY	CHF	INR	Average
2000	-5.3%	1.2%	2.4%	11.2%	-1.9%	-5.4%	5.8%	-4.2%	1.4%	0.6%
2001	2.4%	8.4%	5.3%	12.0%	8.8%	2.4%	18.0%	5.5%	5.8%	7.6%
2002	24.4%	5.5%	12.3%	13.2%	22.9%	24.4%	12.2%	3.5%	23.7%	15.8%
2003	19.6%	-0.2%	8.0%	-10.7%	-1.3%	19.6%	8.1%	7.4%	13.9%	7.2%
2004	5.6%	-2.0%	-1.7%	1.5%	-2.0%	5.6%	0.8%	-3.1%	0.1%	0.5%
2005	18.1%	35.2%	31.6%	25.9%	14.1%	15.1%	35.9%	36.3%	22.8%	26.1%
2006	23.0%	10.4%	8.1%	14.3%	23.3%	19.0%	24.2%	14.1%	20.7%	17.5%
2007	30.9%	18.4%	29.2%	18.0%	12.0%	22.5%	22.5%	21.8%	16.9%	21.4%
2008	5.4%	10.0%	43.0%	30.5%	28.7%	-1.5%	-14.2%	-0.8%	30.0%	14.6%
2009	24.8%	21.8%	13.0%	-1.6%	7.9%	24.8%	27.9%	21.1%	19.2%	17.6%
2010	29.5%	38.6%	34.2%	13.9%	22.8%	25.1%	13.2%	16.8%	24.8%	24.3%
2011	10.2%	13.8%	10.6%	9.9%	12.7%	5.2%	4.5%	10.7%	30.7%	12.0%
2012	7.1%	5.0%	2.4%	5.3%	4.2%	6.0%	20.7%	4.5%	11.1%	7.4%
2013	-28.0%	-30.9%	-29.4%	-16.1%	-23.0%	-30.1%	-12.6%	-29.8%	-19.1%	-24.3%
2014	-1.8%	11.6%	4.4%	7.2%	7.5%	0.7%	11.6%	9.4%	0.2%	5.6%
2015	-10.4%	-0.2%	-5.3%	0.6%	6.8%	-6.2%	-9.9%	-9.7%	-5.9%	-4.4%
2016	8.5%	12.1%	29.7%	9.4%	5.3%	16.1%	5.4%	10.3%	11.4%	12.0%
2017	13.1%	-0.9%	3.3%	4.6%	5.9%	6.0%	9.0%	8.3%	6.3%	6.2%
2018	-1.5%	3.0%	4.3%	9.0%	6.8%	4.1%	-4.2%	-0.8%	7.3%	3.1%
2019	18.3%	21.0%	13.8%	18.7%	12.6%	19.7%	17.2%	16.6%	21.3%	17.7%
2020	25.0%	14.7%	21.2%	14.1%	22.6%	17.2%	18.8%	14.3%	28.0%	19.5%
2021	-3.6%	3.6%	-2.6%	2.2%	-4.3%	-6.1%	7.5%	-0.6%	-1.7%	-0.6%
2022	-0.2%	6.0%	11.6%	6.3%	7.0%	8.3%	13.7%	1.1%	10.8%	7.2%
2023 YTD	8.5%	8.3%	6.9%	10.0%	9.4%	8.1%	8.6%	9.0%	8.2%	8.5%
Average	9.3%	8.9%	10.7%	8.7%	8.7%	8.4%	10.2%	6.7%	12.0%	9.3%

Source: Reuters Eikon (as of March 20th, 2023), Incrementum AG



Gold's Long-Term Performance Remains Stellar Amid Market Turmoil

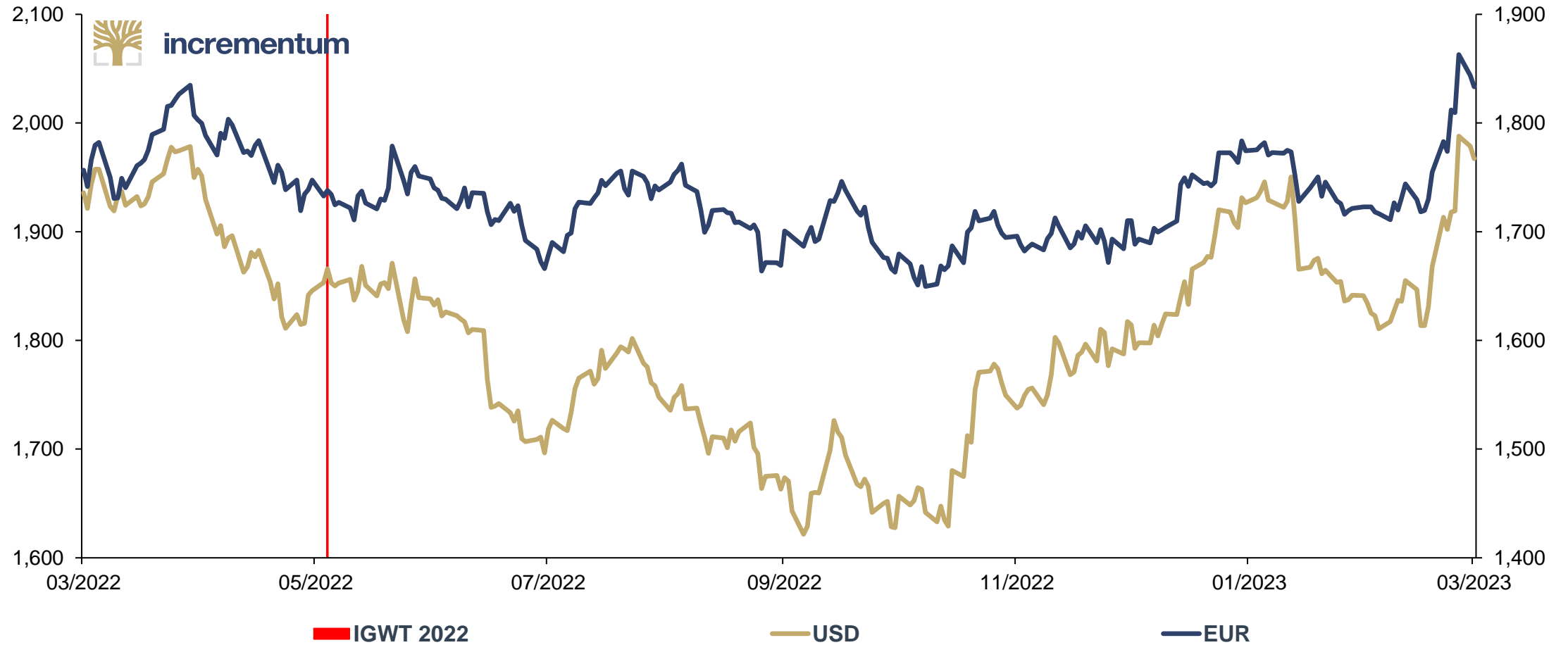
Gold (USD) Performance Triangle, in %, 1999-2023

1999	-5.3	-3.1	20.6	44.3	52.4	79.9	121.3	189.8	205.5	281.1	393.7	443.9	482.4	319.1	311.7	269.0	300.5	353.0	346.2	427.7	559.6	536.0	534.6	588.2	
2000		2.4	27.4	52.4	61.0	90.0	133.8	206.2	222.7	302.6	421.6	474.6	515.2	342.7	334.9	289.8	323.1	378.6	371.3	457.4	596.9	571.8	570.4	627.1	
2001			24.4	48.8	57.2	85.6	128.3	199.0	215.1	293.1	409.3	461.1	500.8	332.3	324.7	280.7	313.2	367.3	360.3	444.3	580.5	556.0	554.6	610.0	
2002				19.6	26.4	49.2	83.5	140.3	153.3	216.0	309.4	351.1	382.9	247.5	241.4	206.0	232.1	275.7	270.0	337.6	447.0	427.4	426.2	470.7	
2003					5.6	24.7	53.4	100.9	111.7	164.2	242.2	277.0	303.6	190.5	185.3	155.8	177.6	214.0	209.2	265.7	357.2	340.8	339.8	377.0	
2004						18.1	45.2	90.2	100.5	150.1	224.0	257.0	282.2	175.0	170.2	142.2	162.8	197.3	192.8	246.3	332.9	317.3	316.4	351.7	
2005							23.0	61.1	69.8	111.9	174.4	202.4	223.7	133.0	128.8	105.1	122.6	151.8	148.0	193.3	266.7	253.5	252.7	282.6	
2006								30.9	38.0	72.2	123.1	145.8	163.1	89.4	86.0	66.7	81.0	104.7	101.6	138.4	198.0	187.3	186.7	211.0	
2007									5.4	31.5	70.4	87.7	101.0	44.6	42.0	27.3	38.2	56.3	54.0	82.1	127.6	119.4	119.0	137.5	
2008										24.8	61.6	78.1	90.7	37.2	34.8	20.8	31.1	48.3	46.1	72.7	116.0	108.2	107.7	125.3	
2009											29.5	42.7	52.8	10.0	8.0	-3.2	5.1	18.9	17.1	38.5	73.1	66.9	66.5	80.6	
2010												10.2	18.0	-15.1	-16.6	-25.3	-18.9	-8.2	-9.6	6.9	33.6	28.8	28.5	39.4	
2011													7.1	-22.9	-24.3	-32.2	-26.4	-16.7	-18.0	-3.0	21.3	16.9	16.7	26.5	
2012														-28.0	-29.3	-36.6	-31.2	-22.2	-23.4	-9.4	13.3	9.2	9.0	18.2	
2013															-1.8	-12.0	-4.4	8.1	6.5	25.9	57.4	51.7	51.4	64.2	
2014																-10.4	-2.7	10.0	8.4	28.2	60.2	54.5	54.1	67.2	
2015																		8.5	20.9	43.0	78.8	72.3	72.0	86.5	
2016																			13.1	11.4	31.7	64.7	58.8	71.8	
2017																				-1.5	16.5	45.6	40.4	51.9	
2018																					18.3	47.8	42.2	54.3	
2019																						25.0	20.5	30.4	
2020																							-3.6	4.3	
2021																								-0.2	8.2
2022																									8.5
																									2023 YTD

Source: Reuters Eikon (as of March 20th, 2023), Incrementum AG

Since the Publication of the IGWT 2022, Gold is Up in USD and EUR

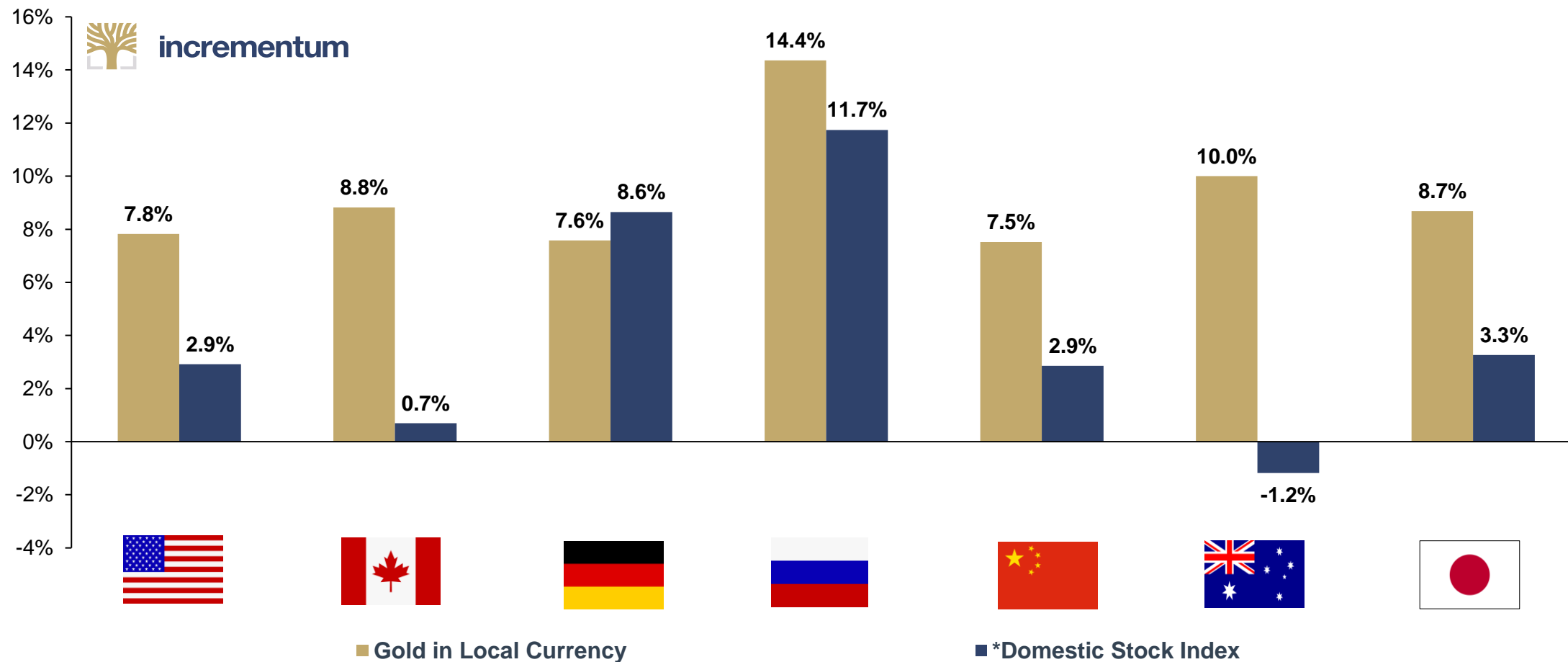
Gold, in USD (lhs), and EUR (rhs), 03/2022-03/2023



Source: Reuters Eikon, Incrementum AG

Gold Is Up YTD in every Currency and Outperforms Most Domestic Stock Indices

Gold in Local Currency, and Domestic Stock Index, Annual Performance in %, 2023 YTD



Source: Reuters Eikon (as of March 20th, 2023), Incrementum AG

*US = S&P 500, CA = TSX Comp., DE = DAX, RU = MOEX, CN = SCI 300, AU = ASX 200, JP = Nikkei 225

Driven by the Recent Uncertainties in the Financial Markets, Gold Has Picked up Momentum. ATH in USD is not far!

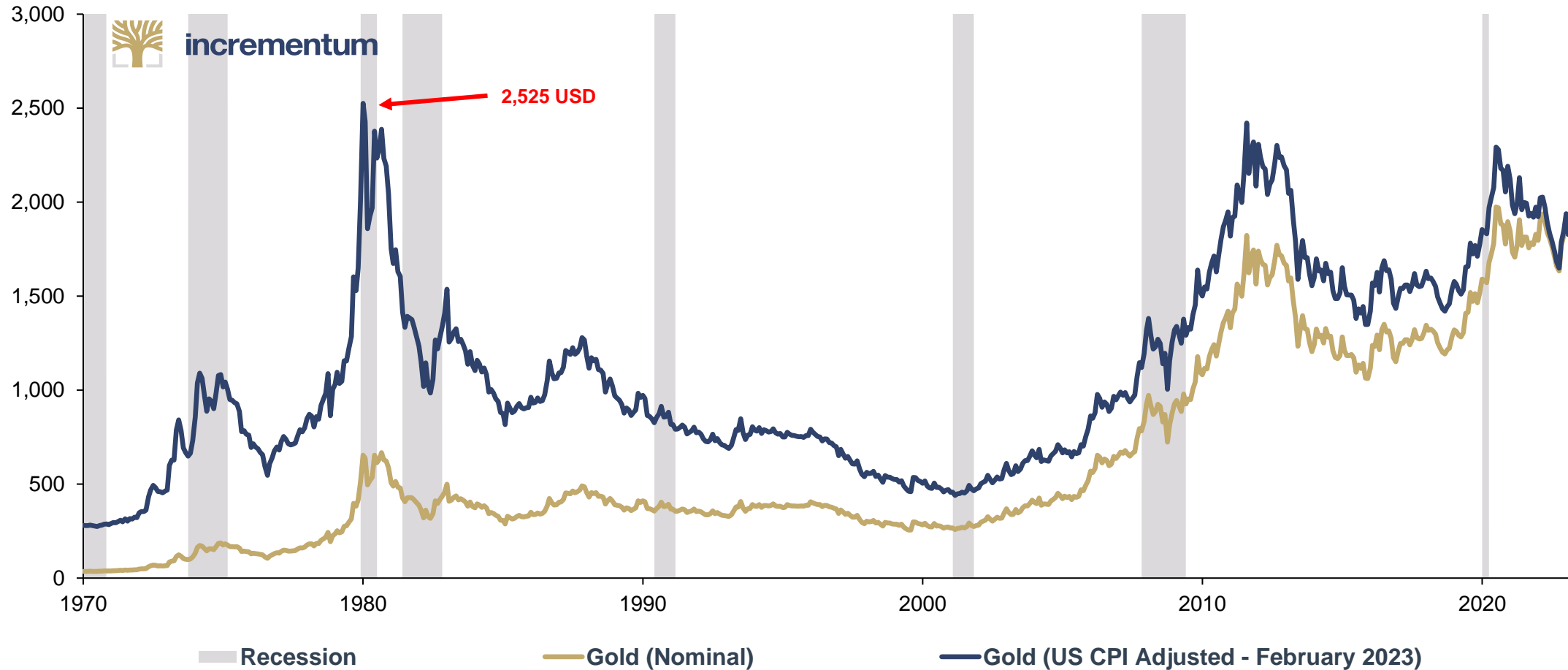
Gold, in USD, 01/1970-03/2023



Source: Reuters Eikon, Incrementum AG

To Reach Its US CPI Adjusted ATH, Gold Has to Gain about 30%

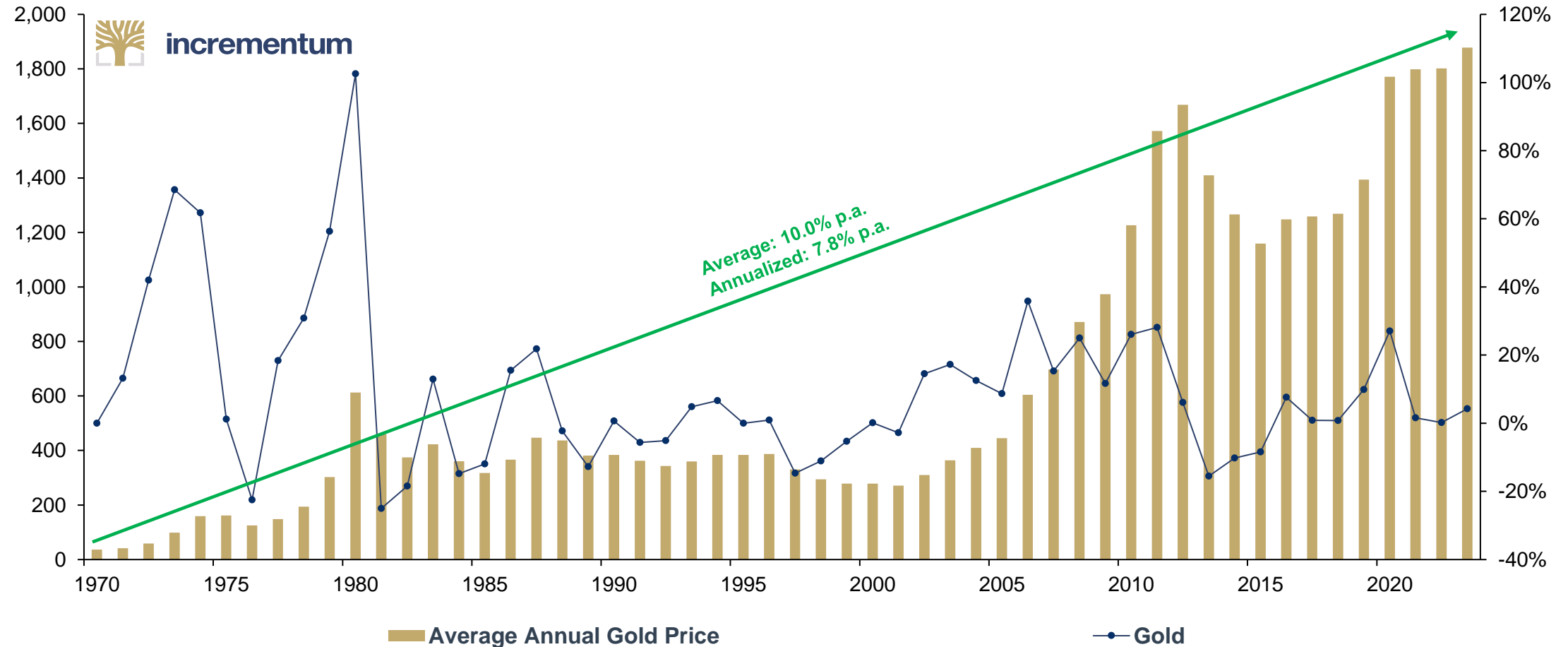
Gold (Nominal), and Gold (US CPI Adjusted - February 2023), in USD, 01/1970-02/2023



Source: Reuters Eikon, Incrementum AG

Amazingly, Gold has Returned 10% on Average and 7.8% Annualized Since 1970

Average Annual Gold Price (lhs), in USD, and Gold (rhs), yoy, 1970-03/2023



Source: Reuters Eikon, Incrementum AG

Gold Shines When Equities Struggle!

Performance of the S&P 500 vs. Gold During Equity Bear Markets

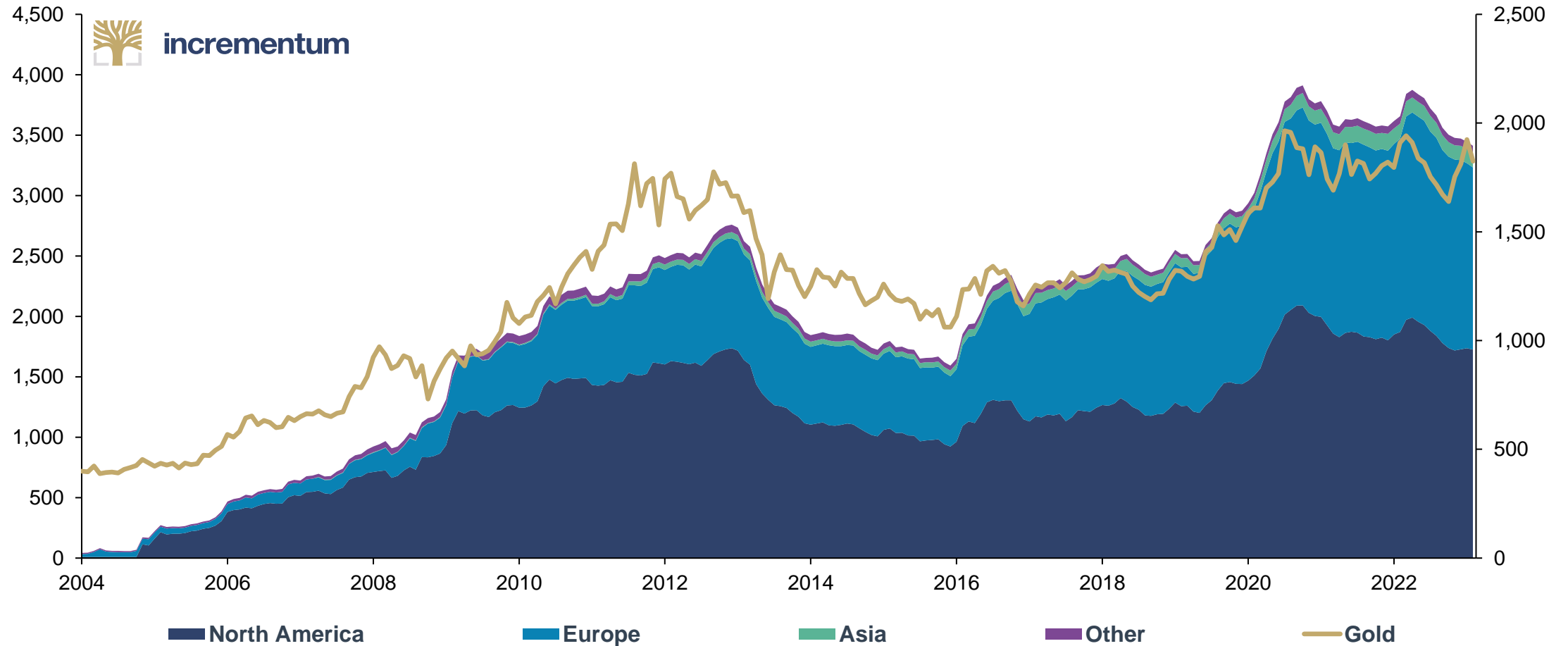
Date of the Market High	Date of the Market Low	S&P 500 Return	Gold Return	Gold Relative to S&P500
09/16/1929	06/01/1932	-86.19%	0.29%	86.48%
08/02/1956	10/22/1957	-21.63%	-0.11%	21.52%
12/12/1961	06/26/1962	-27.97%	-0.06%	27.91%
02/09/1966	10/07/1966	-22.18%	0.00%	22.18%
11/29/1968	05/26/1970	-36.06%	-10.50%	25.56%
01/11/1973	10/03/1974	-48.20%	137.47%	185.67%
11/28/1980	08/09/1982	-27.27%	-45.78%	-18.51%
08/25/1987	10/20/1987	-35.94%	1.38%	37.32%
07/16/1990	10/11/1990	-20.36%	6.81%	27.17%
07/17/1998	10/08/1998	-22.29%	1.71%	24.00%
03/24/2000	10/10/2002	-50.50%	11.18%	61.68%
10/11/2007	03/06/2009	-57.69%	25.61%	83.30%
09/21/2018	12/26/2018	-20.21%	5.59%	25.80%
02/19/2020	03/23/2020	-35.41%	-3.63%	31.78%
01/03/2022	10/12/2022*	-25.43%	-7.08%	18.35%
	Mean	-35.82%	8.19%	44.01%
	Median	-27.97%	0.29%	27.17%

Source: Cornerstone Macro, Bloomberg, Reuters Eikon (*Lowest closing price since 01/03/2022), Incrementum AG



ETF Flows: Financial Market Participants Have not Joined the Party....YET!

Accumulated Gold ETF Holdings by Region (lhs), in Tonnes, and Gold (rhs), in USD, 01/2004-02/2023



Source: World Gold Council, Incrementum AG

5. Silver

“It is not the strongest of species that survive, nor the most intelligent, but the one most adaptable to change.”

Charles Darwin

Silver Performance Since 2000 in Various Currencies

Annual Silver Performance, 2000-2023 YTD

Year	USD	EUR	GBP	AUD	CAD	CNY	JPY	CHF	INR	Average
2000	-15.0%	-9.2%	-8.1%	-0.1%	-11.9%	-15.0%	-5.0%	-13.9%	-8.9%	-9.7%
2001	0.4%	6.3%	3.3%	9.9%	6.7%	0.4%	15.7%	3.5%	3.8%	5.6%
2002	3.3%	-12.4%	-6.8%	-6.0%	2.0%	3.3%	-6.9%	-14.1%	2.7%	-3.9%
2003	24.6%	3.9%	12.4%	-7.0%	2.7%	24.6%	12.6%	11.9%	18.6%	11.6%
2004	14.5%	6.3%	6.6%	10.1%	6.2%	14.5%	9.3%	5.1%	8.6%	9.0%
2005	29.7%	48.6%	44.6%	38.3%	25.4%	26.5%	49.3%	49.8%	35.0%	38.6%
2006	46.1%	31.1%	28.4%	35.8%	46.4%	41.3%	47.4%	35.5%	43.3%	39.5%
2007	14.8%	3.8%	13.3%	3.4%	-1.8%	7.4%	7.4%	6.8%	2.5%	6.4%
2008	-23.5%	-20.1%	3.8%	-5.3%	-6.6%	-28.5%	-37.7%	-28.0%	-5.6%	-16.8%
2009	48.9%	45.4%	34.9%	17.4%	28.8%	49.0%	52.7%	44.6%	42.3%	40.4%
2010	83.4%	96.2%	89.9%	61.2%	73.8%	77.0%	60.2%	65.3%	76.6%	76.0%
2011	-10.3%	-7.3%	-9.9%	-10.5%	-8.2%	-14.3%	-14.9%	-9.9%	6.4%	-8.8%
2012	9.5%	7.4%	4.6%	7.7%	6.5%	8.4%	23.4%	6.9%	13.6%	9.8%
2013	-36.0%	-38.5%	-37.1%	-25.3%	-31.4%	-37.8%	-22.3%	-37.5%	-28.0%	-32.7%
2014	-19.3%	-8.3%	-14.2%	-12.0%	-11.7%	-17.3%	-8.3%	-10.2%	-17.7%	-13.2%
2015	-11.7%	-1.6%	-6.7%	-0.8%	5.2%	-7.6%	-11.2%	-11.0%	-7.2%	-5.9%
2016	15.2%	19.0%	37.6%	16.2%	11.8%	23.2%	11.9%	17.1%	18.3%	18.9%
2017	6.4%	-6.8%	-2.9%	-1.6%	-0.4%	-0.3%	2.5%	1.8%	-0.1%	-0.2%
2018	-8.7%	-4.5%	-3.2%	1.1%	-1.0%	-3.5%	-11.2%	-8.0%	-0.5%	-4.4%
2019	15.2%	17.8%	10.8%	15.6%	9.7%	16.6%	14.2%	13.6%	18.1%	14.6%
2020	47.8%	35.7%	43.4%	34.9%	44.9%	38.6%	40.5%	35.2%	51.3%	41.4%
2021	-11.7%	-5.2%	-10.8%	-6.4%	-12.4%	-14.1%	-1.6%	-9.0%	-10.0%	-9.0%
2022	3.0%	9.4%	15.2%	9.8%	10.5%	11.8%	17.3%	4.4%	14.4%	10.6%
2023 YTD	-6.0%	-6.2%	-7.4%	-4.7%	-5.2%	-6.3%	-5.9%	-5.6%	-6.3%	-6.0%
Average	12.3%	11.6%	13.1%	13.0%	12.4%	13.4%	12.2%	9.0%	16.3%	12.6%

Source: Reuters Eikon (as of March 20th, 2023), Incrementum AG



Potential Upside for Silver as Weak Performance Over Last Three Years May Indicate a Coiled Position

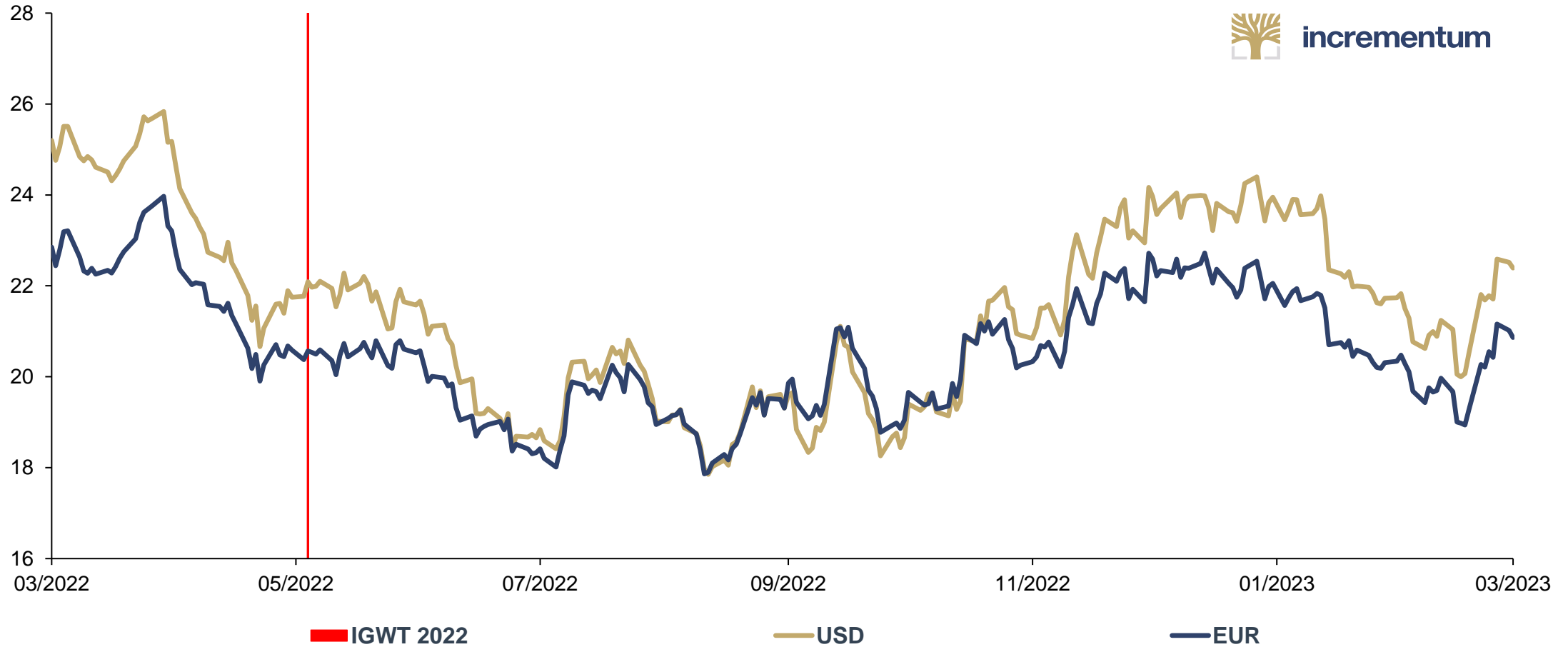
Silver (USD) Performance Triangle, in %, 1999-2023

	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023 YTD
1999	-15.0	-14.6	-11.9	9.8	25.7	63.1	138.3	173.5	109.3	211.7	471.5	412.8	461.3	259.4	190.0	156.1	195.1	213.8	186.7	230.2	388.1	330.9	343.8	317.0	
2000		0.4	3.7	29.2	47.9	91.9	180.4	221.8	146.2	266.7	572.3	503.3	560.3	322.9	241.2	201.3	247.1	269.2	237.3	288.5	474.3	406.9	422.1	390.6	
2001			3.3	28.6	47.3	91.1	179.2	220.4	145.1	265.1	569.4	500.7	557.5	321.0	239.7	200.0	245.6	267.6	235.8	286.8	471.8	404.7	419.9	388.5	
2002				24.6	42.6	85.1	170.4	210.3	137.4	253.6	548.3	481.7	536.8	307.8	229.0	190.5	234.7	256.0	225.2	274.6	453.7	388.8	403.5	373.1	
2003				14.5	48.6	89.5	117.0	149.1	90.6	183.8	420.4	366.9	411.1	227.3	164.1	133.2	168.7	185.8	161.0	200.7	344.5	292.4	304.1	279.8	
2004					29.7	89.5	117.5	66.4	147.9	354.5	307.8	346.4	185.9	130.6	103.7	134.7	149.6	128.0	162.6	288.2	242.7	252.9	231.7		
2005						46.1	67.7	28.3	91.0	250.3	214.3	244.0	120.3	77.8	57.0	80.9	92.3	75.7	102.4	199.2	164.1	172.0	155.6		
2006							14.8	-12.2	30.8	139.8	115.2	135.5	50.8	21.7	7.5	23.8	31.7	20.3	38.5	104.8	80.8	86.2	75.0		
2007								-23.5	13.9	108.9	87.5	105.2	31.4	6.0	-6.4	7.9	14.7	4.8	20.7	78.5	57.5	62.3	52.5		
2008									48.9	173.1	145.0	168.2	71.8	38.6	22.4	41.0	50.0	37.0	57.8	133.3	105.9	112.1	99.3		
2009										83.4	64.5	80.1	15.3	-7.0	-17.8	-5.3	0.7	-8.0	5.9	56.6	38.3	42.4	33.8		
2010											-10.3	-1.8	-37.1	-49.3	-55.2	-48.4	-45.1	-49.8	-42.2	-14.6	-24.6	-22.3	-27.0		
2011												9.5	-29.9	-43.4	-50.1	-42.5	-38.8	-44.1	-35.6	-4.8	-16.0	-13.5	-18.7		
2012														-36.0	-48.3	-54.4	-47.4	-44.1	-48.9	-41.2	-13.0	-23.2	-20.9	-25.7	
2013															-19.3	-28.7	-17.9	-12.7	-20.2	-8.1	35.8	19.9	23.5	16.0	
2014																-11.7	1.7	8.2	-1.1	13.9	68.3	48.6	53.0	43.8	
2015																	15.2	22.5	11.9	28.9	90.6	68.2	73.3	62.8	
2016																		6.4	-2.8	11.9	65.4	46.0	50.4	41.3	
2017																				-8.7	5.2	55.5	37.3	41.4	32.9
2018																					15.2	70.3	50.3	54.8	45.5
2019																						47.8	30.5	34.4	26.3
2020																							-11.7	-9.1	-14.6
2021																								3.0	-3.2
2022																									-6.0

Source: Reuters Eikon (as of March 20th, 2023), Incrementum AG

Since the Publication of the IGWT 2022 Silver Is Flat in USD and EUR

Silver, in USD and EUR, 03/2022-03/2023



Source: Reuters Eikon, Incrementum AG

Like Gold, Silver Has Gained Momentum in Recent Weeks

Silver, in USD, 01/1970-03/2023



Source: Reuters Eikon, Incrementum AG

The Upside Potential for Silver is Enormous!!!

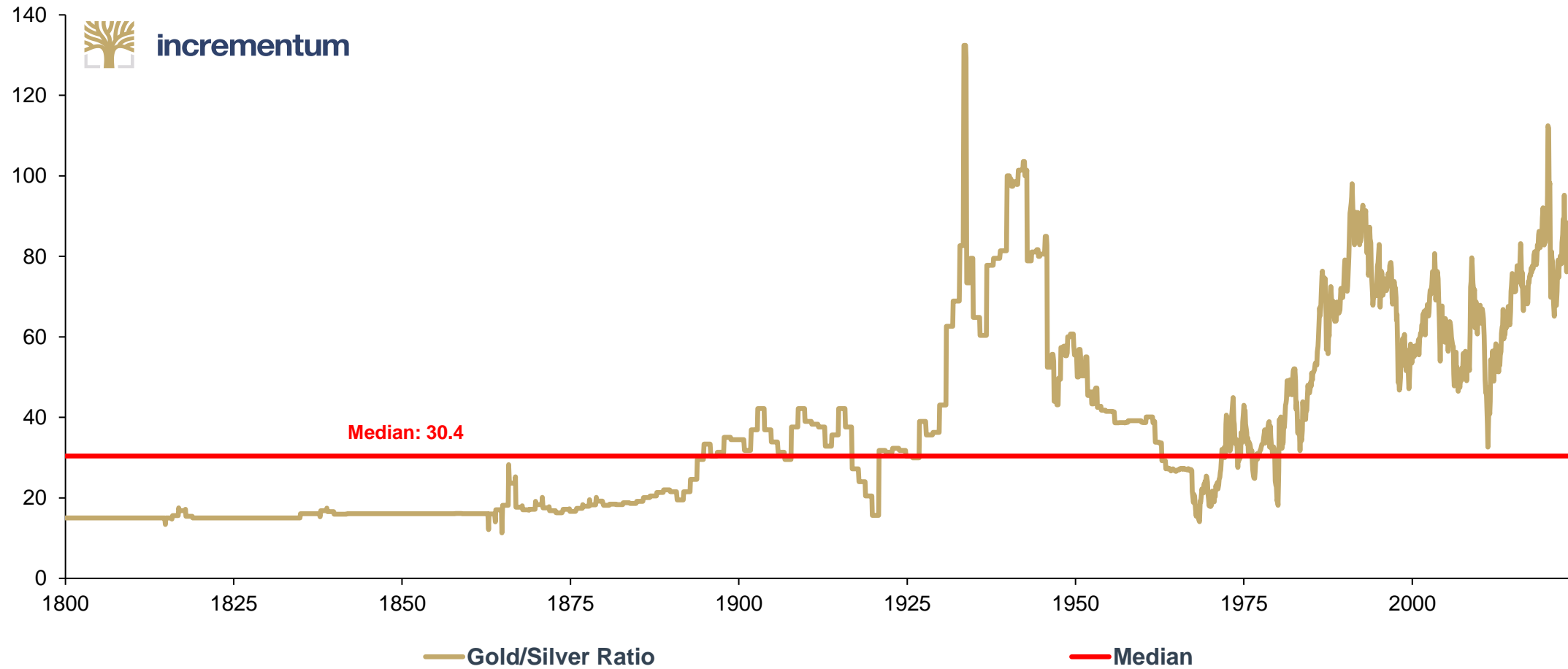
Silver (Nominal), and Silver (US CPI Adjusted - February 2023), in USD, 01/1970-02/2023



Source: Reuters Eikon, Incrementum AG

The Gold/Silver Ratio Is Trading Much Higher than its Long-Term Median

Gold/Silver Ratio, 1800-2023



Source: Reuters Eikon, Incrementum AG

If the Gold/Silver Ratio Were to Hit its Long-Term Median of 31x, we Would Be Looking at 65 Dollar Silver at Current Gold Prices!

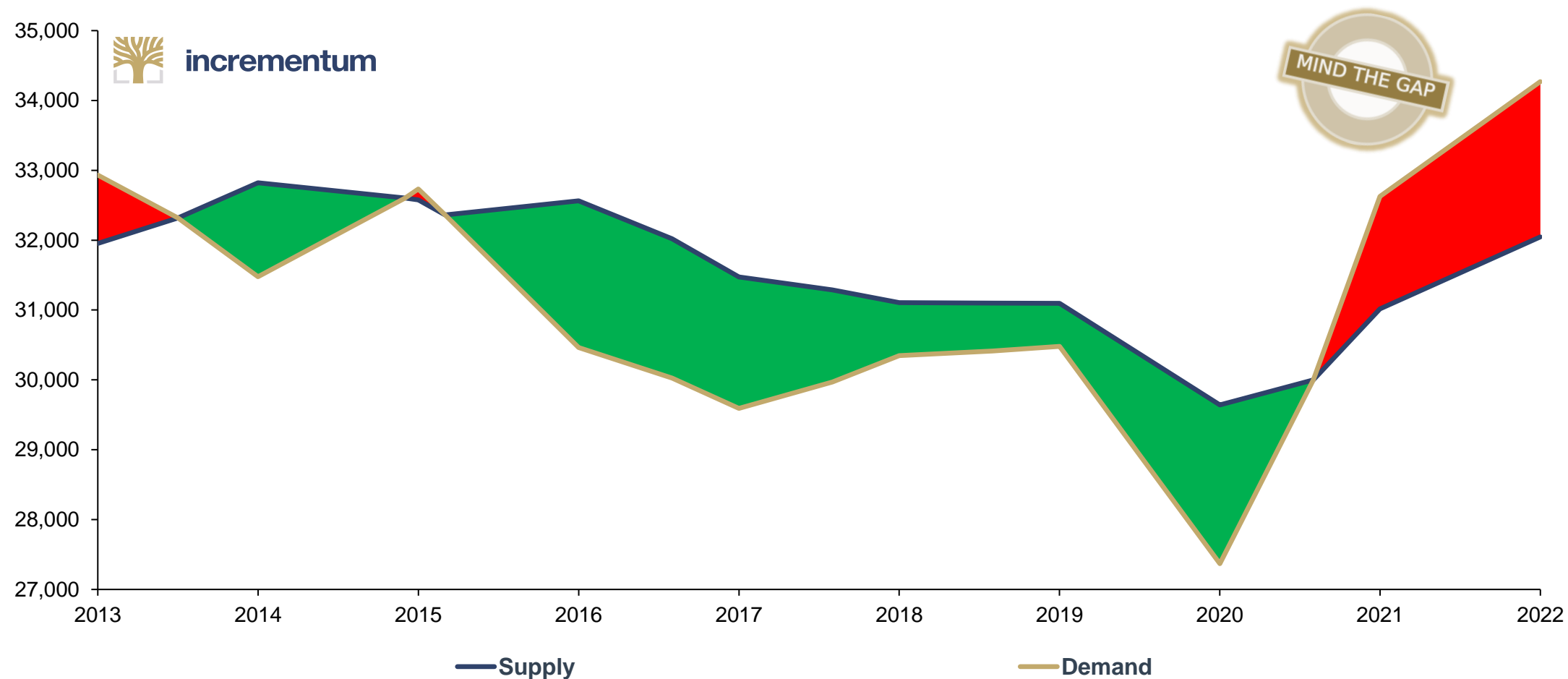
Gold/Silver Ratio Matrix, Silver (x-axis), in USD, and Gold (y-axis), in USD

	10	15	20	25	30	35	40	45	50	55	60	65
1,400	140	93	70	56	47	40	35	31	28	25	23	22
1,500	150	100	75	60	50	43	38	33	30	27	25	23
1,600	160	107	80	64	53	46	40	36	32	29	27	25
1,700	170	113	85	68	57	49	43	38	34	31	28	26
1,800	180	120	90	72	60	51	45	40	36	33	30	28
1,900	190	127	95	76	63	54	48	42	38	35	32	29
2,000	200	133	100	80	67	57	50	44	40	36	33	31
2,100	210	140	105	84	70	60	53	47	42	38	35	32
2,200	220	147	110	88	73	63	55	49	44	40	37	34
2,300	230	153	115	92	77	66	58	51	46	42	38	35
2,400	240	160	120	96	80	69	60	53	48	44	40	37
2,500	250	167	125	100	83	71	63	56	50	45	42	38

Source: Incrementum AG

Growing Supply Gap in Silver since 2021, which Creates Further Upside Potential

Silver Market, in Tonnes, 2013-2022e



Source: Silver Institute, Incrementum AG

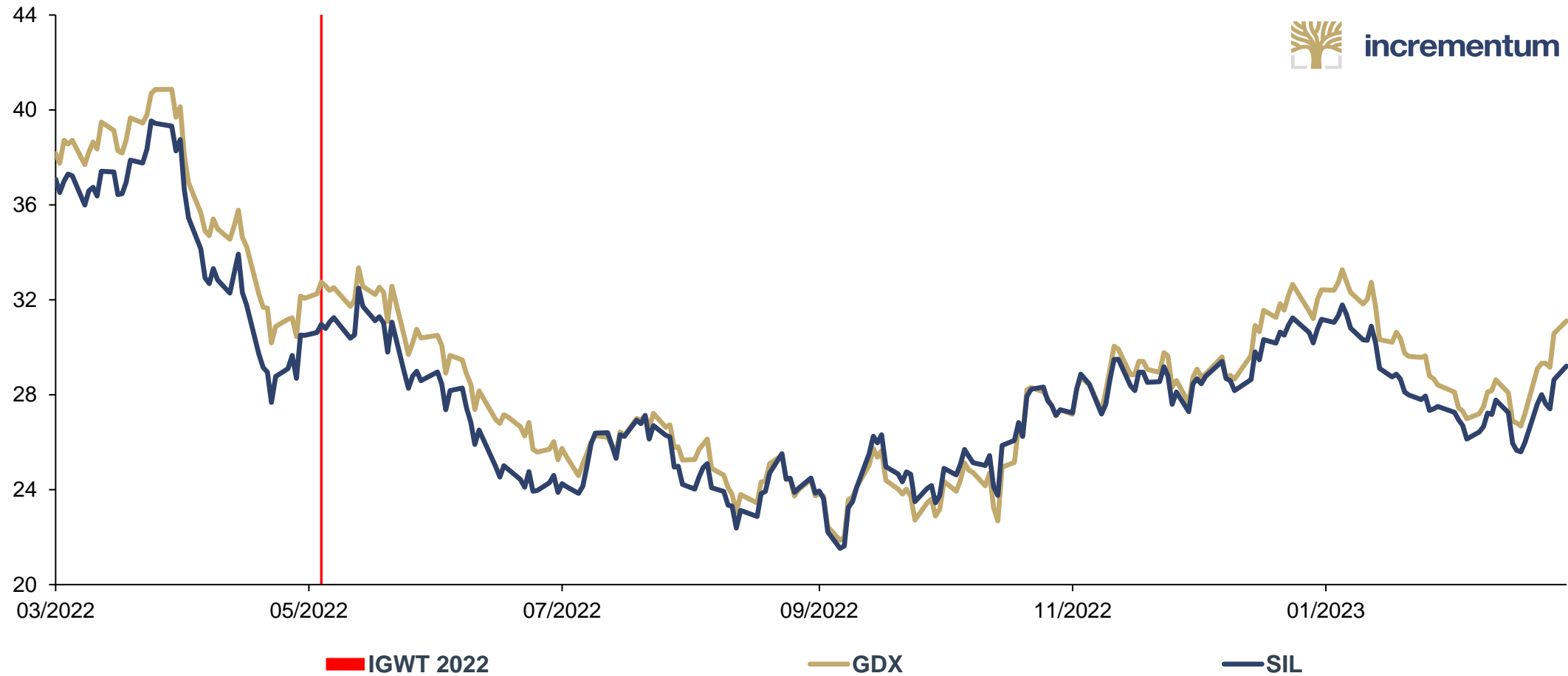
6. Mining Shares

“The stock market is a device for transferring money from the impatient to the patient.”

Warren Buffett

Since the Publication of the IGWT 2022, Gold and Silver Mining Stocks are Down, Driven by Weak Stock Market Performance & Cost Inflation

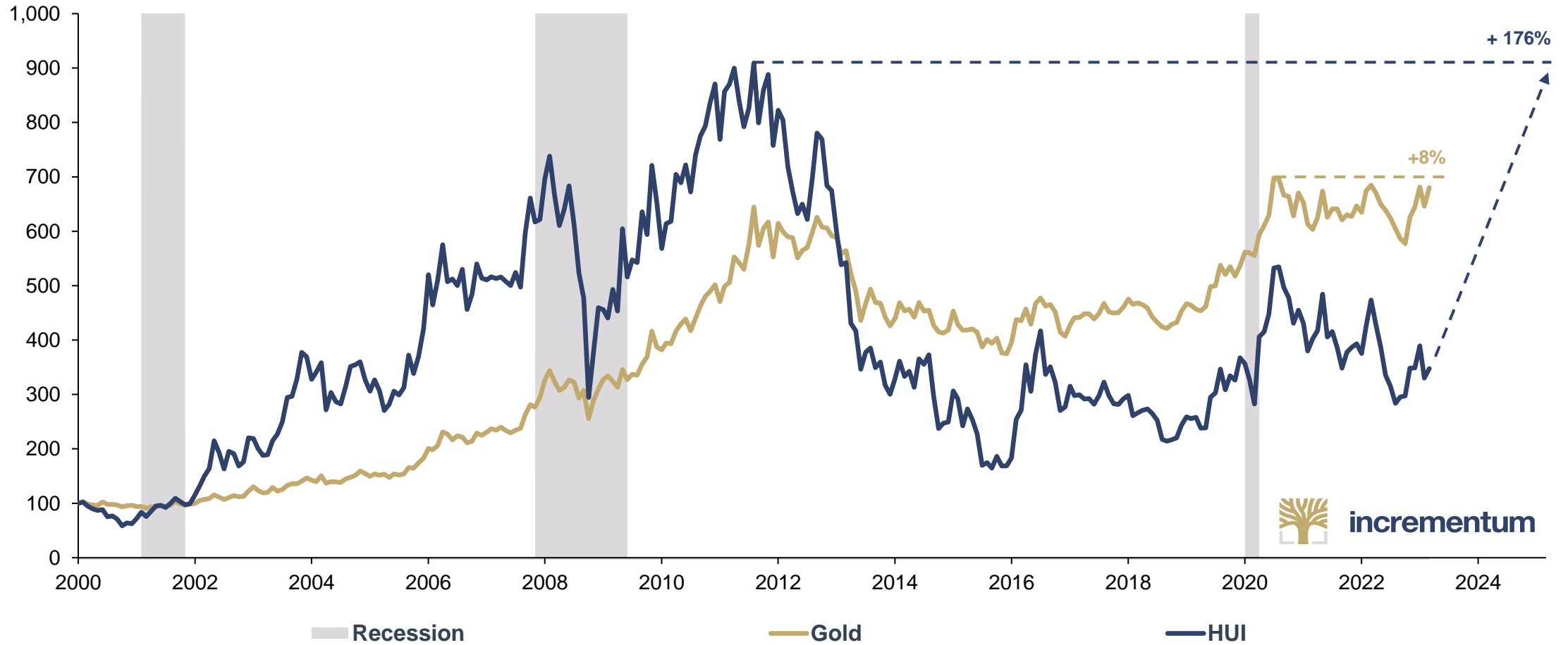
GDX and SIL, in USD, 03/2022-03/2023



Source: Reuters Eikon, Incrementum AG

Gold Is Almost Back to its ATH... Miners Still Have Plenty of Room to Go

Gold and HUI, 100 = 01/2000, 01/2000-03/2023



Source: Reuters Eikon, Incrementum AG

Gold Mining Stocks Are Trading Far Below Their Average Price Compared to Gold

HUI/Gold Ratio, 01/1997-03/2023



Source: Reuters Eikon, Incrementum AG

Since 2015 We Have Seen Several Cycles where Gold Mining Stocks and the S&P 500 Have Taken Turns Outperforming

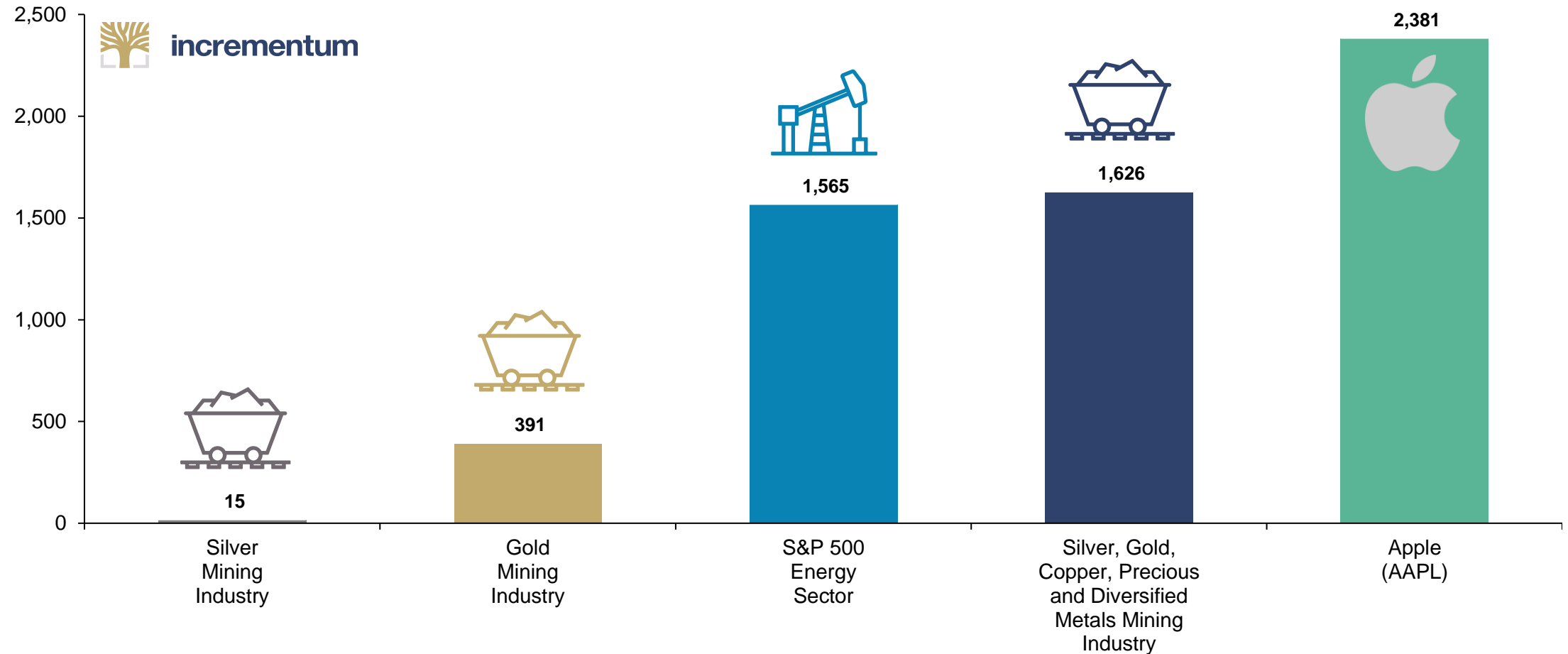
S&P 500/GDX Ratio, 01/2007-03/2023



Source: Crescat Capital, Tavi Costa, Reuters Eikon, Incrementum AG

The Gold and Silver Mining Sector Is Minuscule! Even the Broader Mining Sector Is Not very Big.

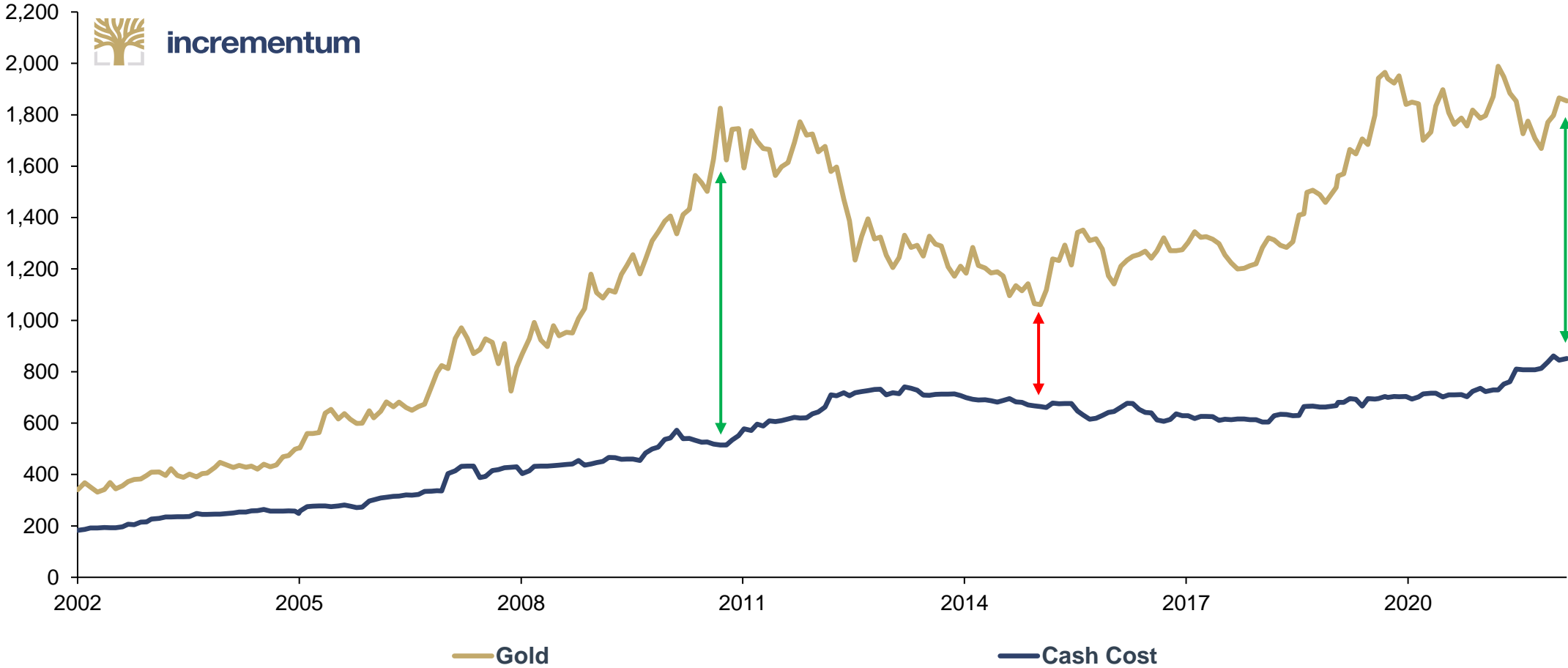
Market Capitalization, in USD bn, 03/2023



Source: Reuters Eikon (as of March 14th, 2023), Incrementum AG

Rising Production Costs are Historically Associated with Higher Prices

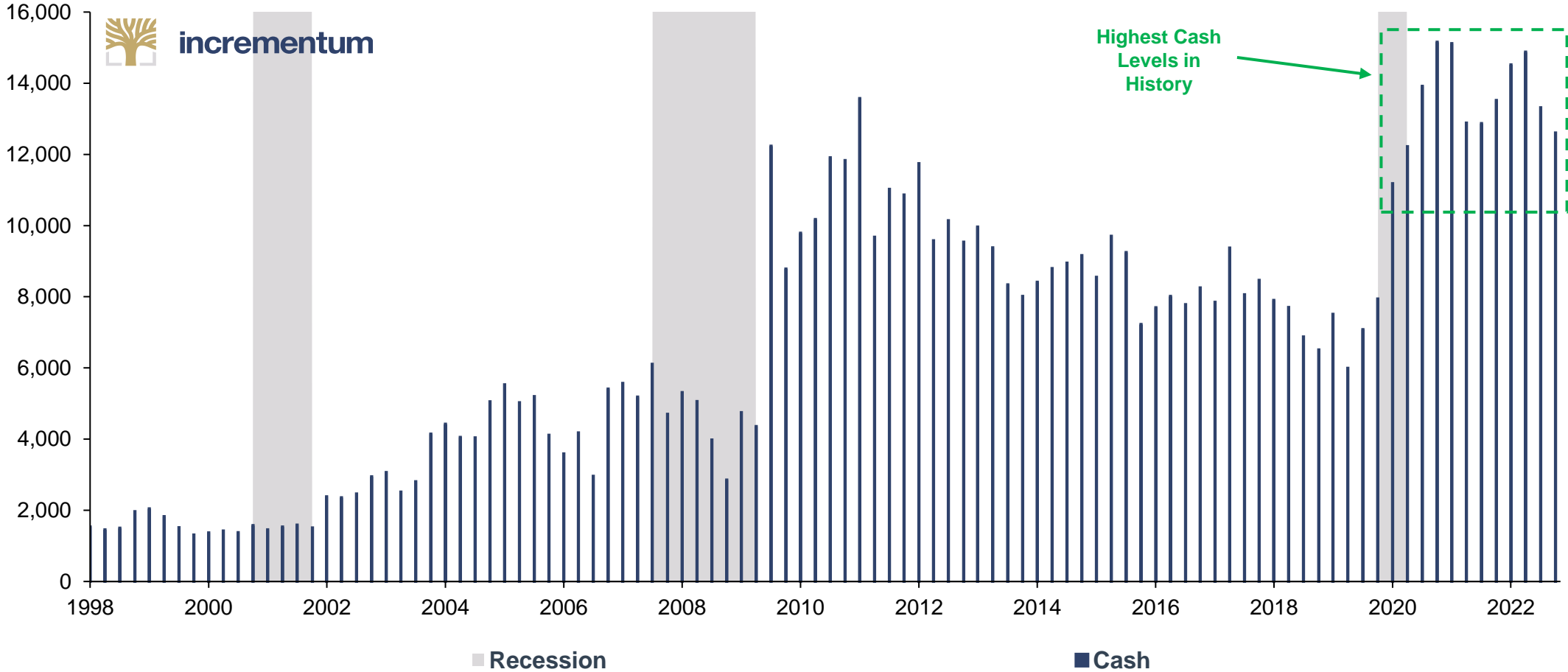
Gold and Cash Cost, in USD, 12/2002-02/2023



Source: Gold Stock Analyst, Garrett Goggin, Incrementum AG

Miners Have Built Historic Cash Reserves and...

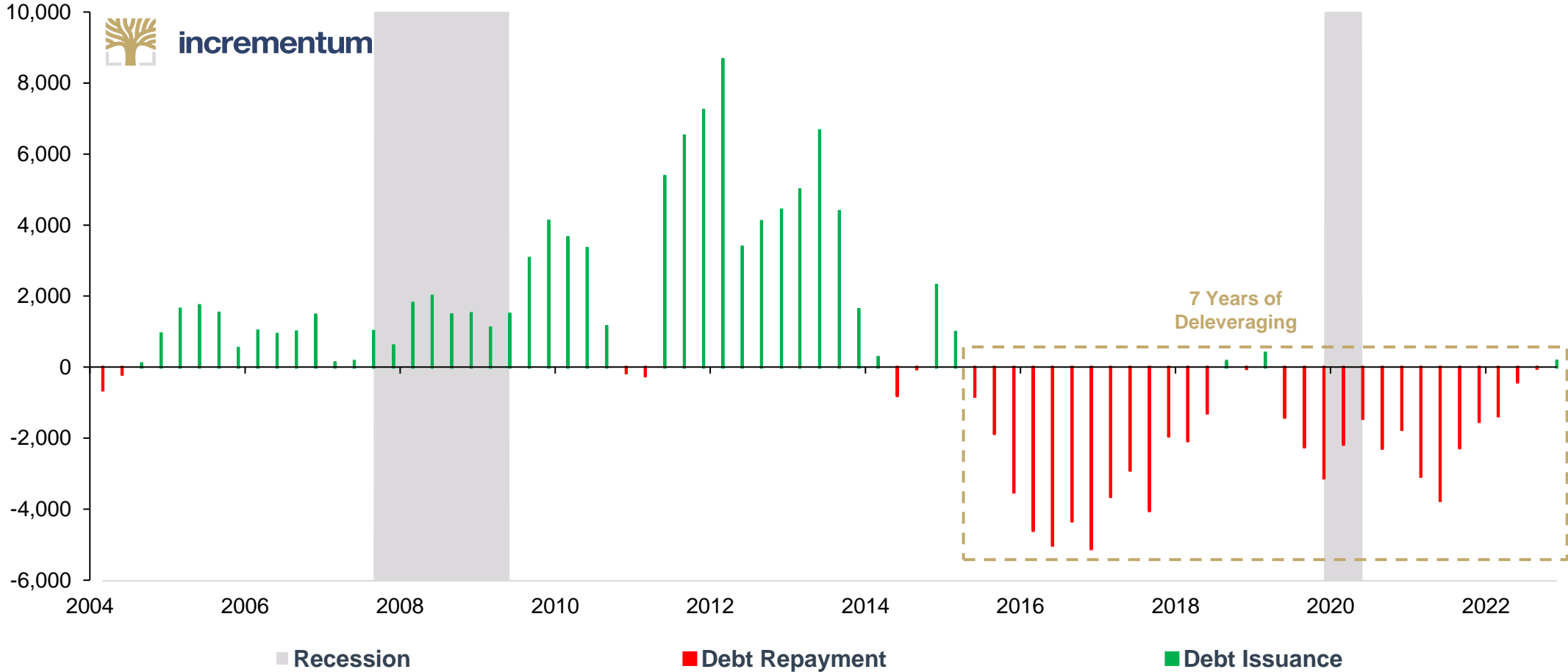
Aggregate Trailing 12 Month Cash for Top 50 US and Canadian Gold and Silver Miners by Market Cap, in USD mn, Q1/1998-Q4/2022



Source: Crescat Capital, Reuters Eikon, Incrementum AG

Big Cap Mining Companies Have Significantly Reduced Debt!

Aggregate Trailing 12 Month Net Debt Issuance for Top 10 US and Canadian Gold and Silver Miners by Market Cap, in USD mn, Q1/2004-Q4/2022



Source: Crescat Capital, Reuters Eikon, Incrementum AG

CAPEX Still Low Compared to Previous Cycles Weak

Aggregate Trailing 12 Month CAPEX for SIL ETF Members, in USD mn, Q1/1996-Q3/2022



Source: Crescat Capital, Reuters Eikon, Incrementum AG

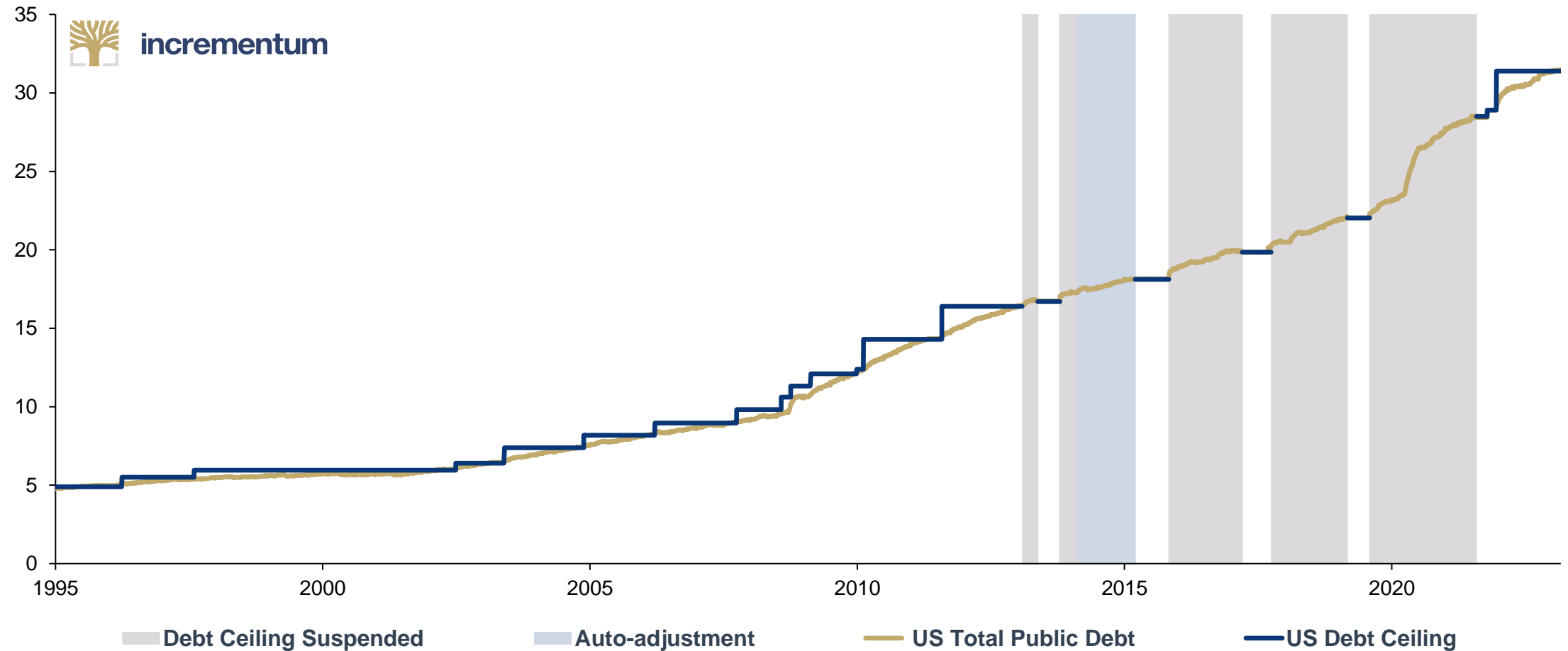
7. Quo Vadis?

“If you don’t own gold, you know neither history nor economics.”

Ray Dalio

According to Janet Yellen, the US Government Can Fund Itself until Early June

US Total Government Debt and Debt Ceiling, in USD trn, 01/1995-03/2023



Source: U.S. Department of the Treasury, Incrementum AG

The Market Thinks that the Debt Ceiling Might Become a Bigger Problem Going Forward!

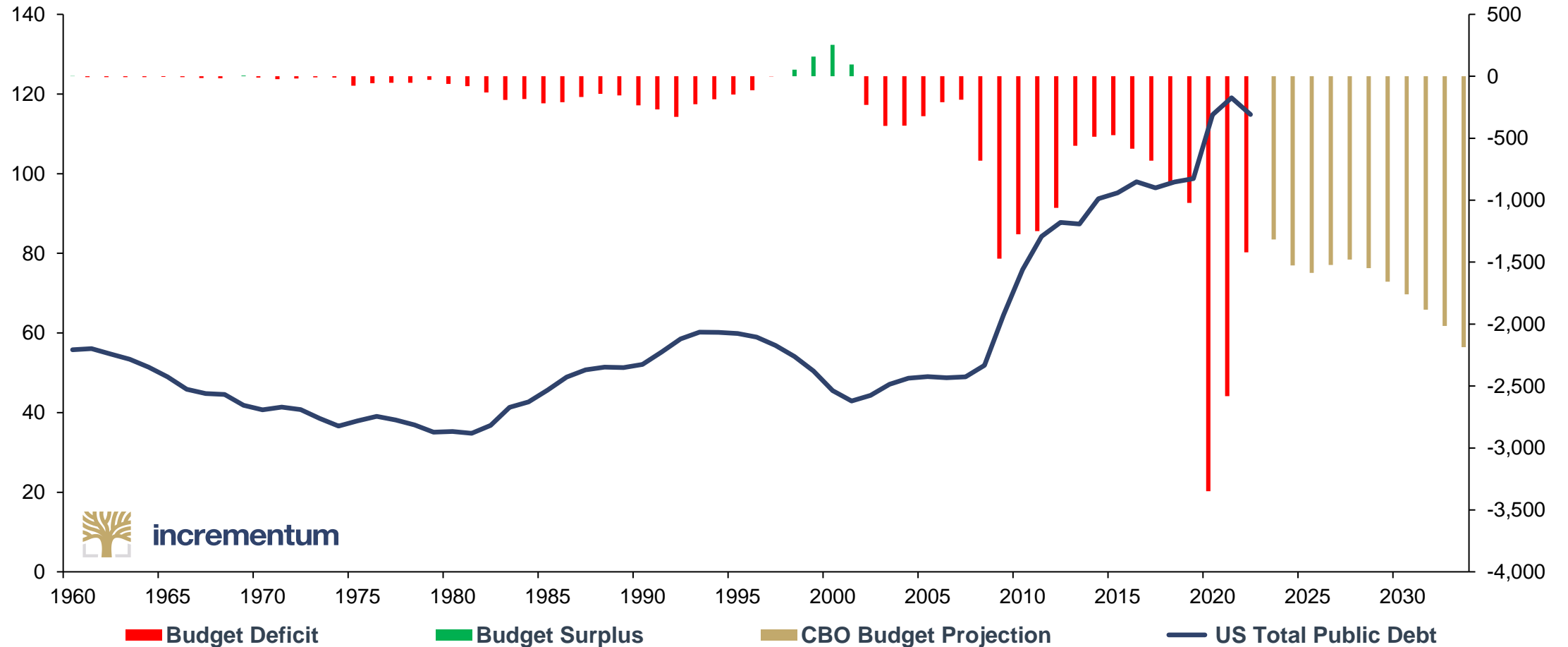
US 5 Year and 1 Year CDS, in bps, 01/2009-03/2023



Source: Reuters Eikon, Incrementum AG

The CBOs Projections do NOT Factor in a Recession... OUCH!!

US Total Public Debt (lhs), as % of GDP, and US Budget (rhs), in USD bn, 1960-2033



Source: Reuters Eikon, Incrementum AG

„Whatever it Breaks“ ...

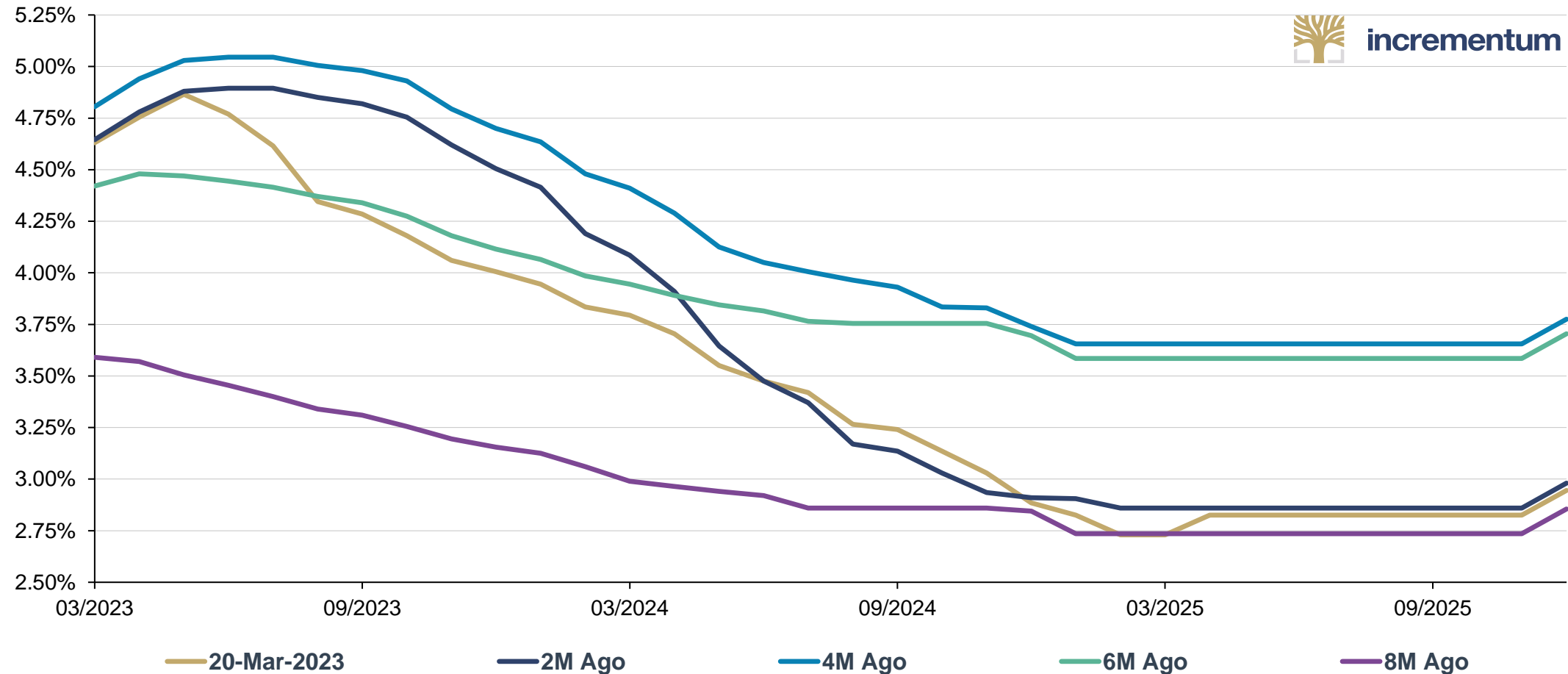
Federal Funds Rate, 01/1970-02/2023



Source: Reuters Eikon, Incrementum AG

After Turbulence in the Banking Sector, Market Participants Expect a Sharper Pivot, Starting in 2023

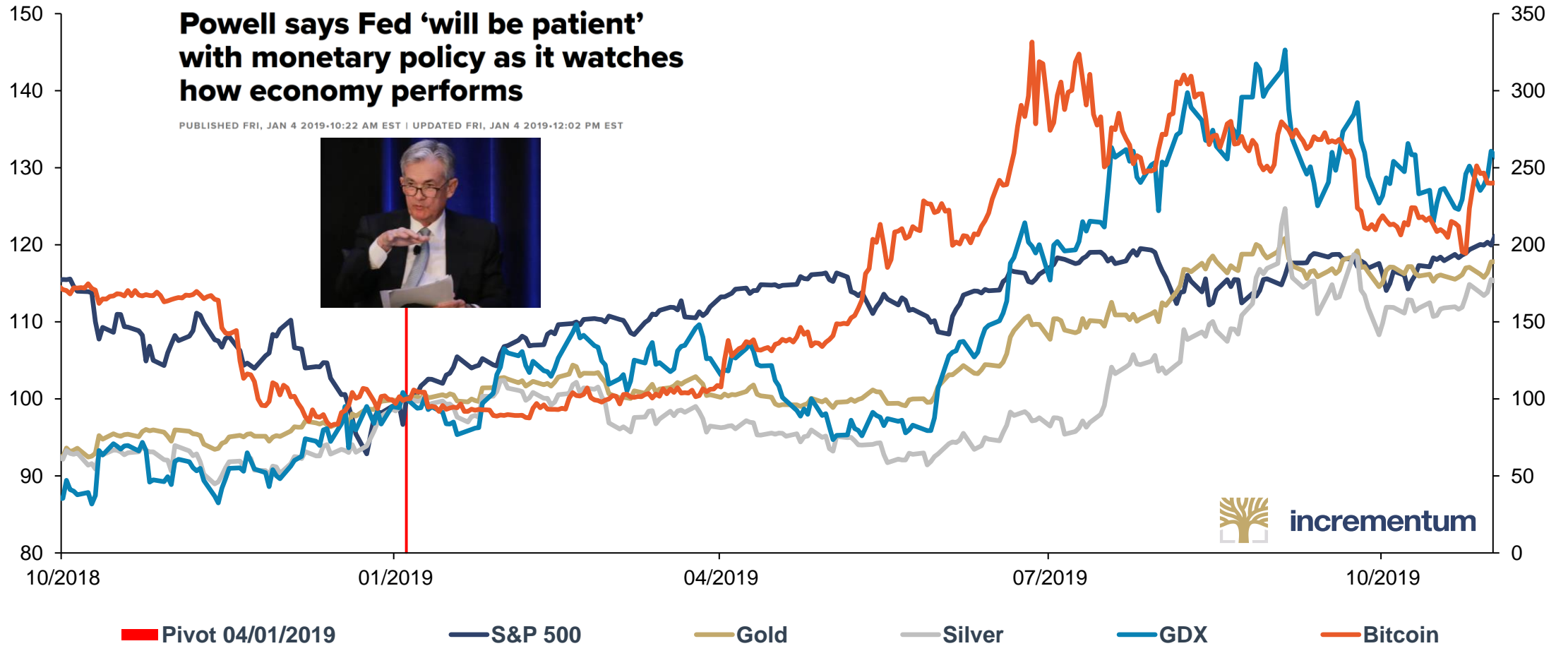
Federal Funds Futures Curve (Implied Rate)



Source: Reuters Eikon, Incrementum AG

Which Asset Classes Profited the Most from the Last Pivot?

S&P 500, Gold, Silver, Mining Stocks (lhs), and Bitcoin (rhs), 100 = 04/01/2019, 10/2018-12/2019



Source: Reuters Eikon, Incrementum AG

How to Prepare for a Recession? Gold Works Brilliantly as a Recession Hedge!

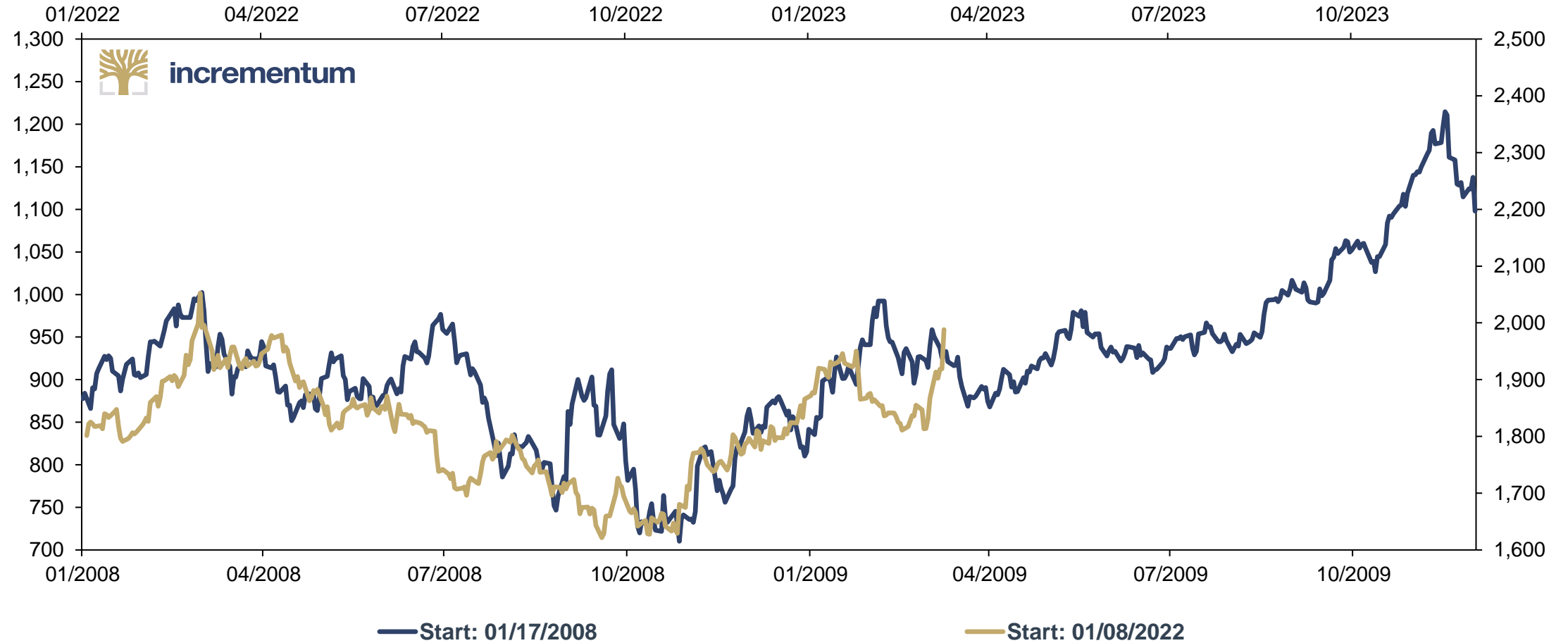
Summary: Performance of the S&P 500 and Gold, in USD and EUR, in % 1970-2020

		S&P 500				Gold in USD				Gold in EUR			
Recession Duration		Phase 1	Phase 2	Phase 3	Phase 4	Phase 1	Phase 2	Phase 3	Phase 4	Phase 1	Phase 2	Phase 3	Phase 4
1st Recession	Q1/1970 - Q4/1970	-1.8%	-4.6%	-7.0%	7.0%	-8.9%	-6.6%	0.0%	5.9%		4.6%	11.1%	3.0%
2nd Recession	Q1/1974 - Q1/1975	-8.0%	0.3%	-15.0%	16.6%	-10.9%	58.5%	89.7%	-1.1%	7.2%	51.8%	51.0%	-6.2%
3rd Recession	Q2/1980 - Q3/1980	7.1%	-2.1%	7.7%	10.0%	70.1%	-22.8%	-5.9%	21.8%	27.5%	0.5%	20.2%	-1.6%
4th Recession	Q4/1981 - Q4/1982	-7.4%	2.9%	12.8%	15.9%	-14.6%	0.8%	1.2%	14.2%	2.6%	-4.8%	21.0%	10.4%
5th Recession	Q4/1990 - Q1/1991	-10.7%	-0.1%	13.8%	13.9%	7.1%	-3.3%	-7.9%	-4.7%	4.6%	-9.3%	-12.2%	-3.6%
6th Recession	Q2/2001 - Q4/2001	-5.7%	1.3%	-8.1%	0.5%	-1.5%	3.8%	5.4%	1.3%	-0.8%	8.3%	5.5%	-4.4%
7th Recession	Q1/2008 - Q2/2009	0.5%	-10.2%	-50.4%	-18.0%	21.6%	14.3%	16.3%	24.0%	2.2%	12.2%	31.4%	19.8%
8th Recession	Q1/2020 - Q2/2020	8.5%	-20.0%	-4.0%	20.0%	3.1%	3.6%	17.4%	13.3%	0.2%	5.3%	17.1%	11.2%
Average:		-2.2%	-4.1%	-6.3%	8.2%	8.2%	6.0%	14.5%	9.3%	6.2%	8.6%	18.1%	3.6%

Source: Reuters Eikon, Incrementum AG

“History never repeats itself, but it does often rhyme.”

Gold Bear Markets, 01/2008-12/2009 (lhs), and 01/2022-12/2023 (rhs)



Source: Reuters Eikon, Incrementum AG

The Mother of all Cup-and-Handle Formations?

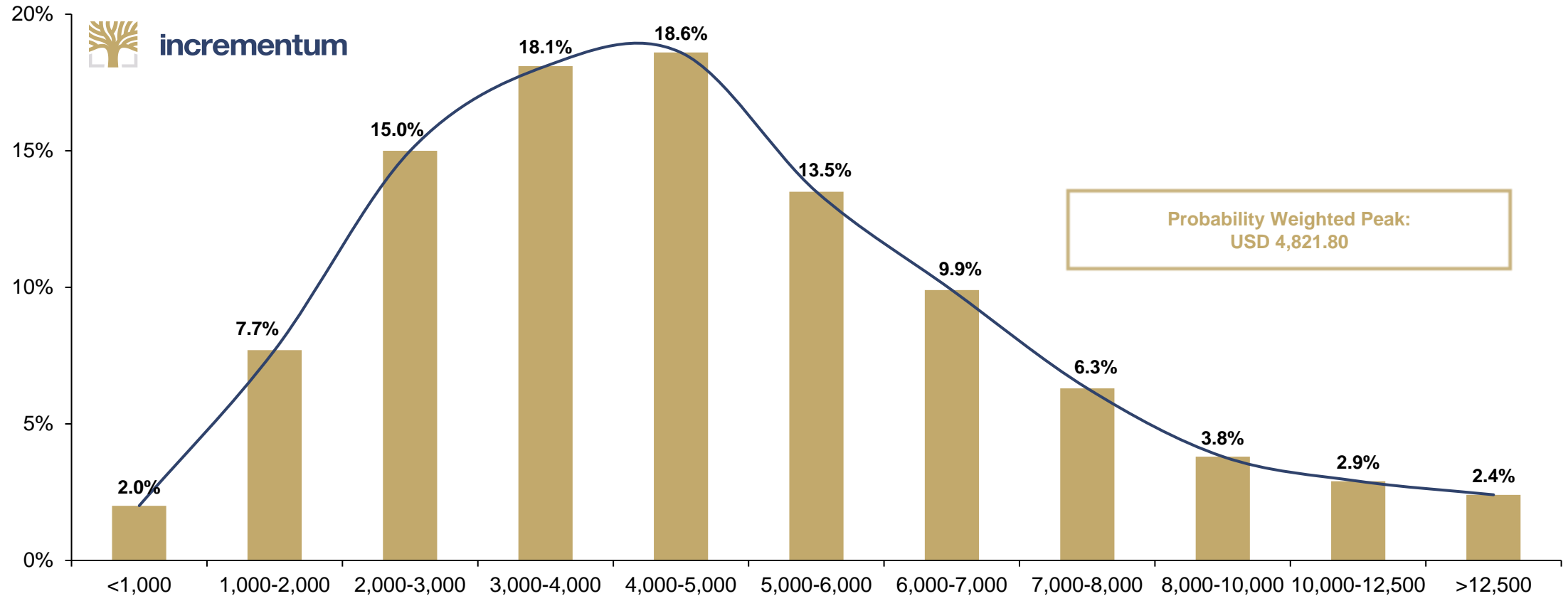
Gold Cup-and-Handle Formation, in USD, 01/2000-03/2023



Source: Reuters Eikon, Incrementum AG

We See the Price of Gold Significantly Higher at the End of the Decade!

Approximated Gold Price in 2030 by Distribution



Source: Incrementum AG (For a detailed presentation of our proprietary gold price model, see [In Gold We Trust Report 2020](#), p. 348)

**The *In Gold We Trust* Report 2023
will be published on May 24th!**

To subscribe to the *In Gold We Trust* Report, click [here](#).

Addendum

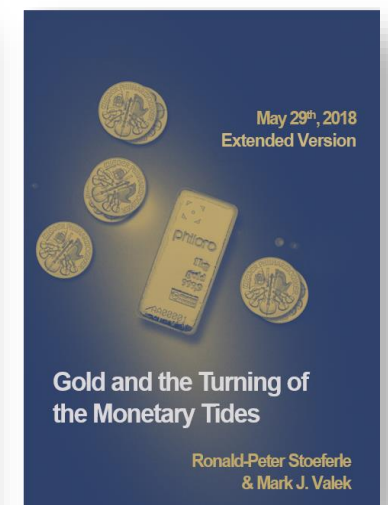
Because we care...

About our Clients.

About Society.

About the Future.

About the *In Gold We Trust* Report



In Our Partners We Trust



Premium Partners

Agnico Eagle

Agnico Eagle is a senior Canadian gold mining company with operating mines located in Canada, Australia, Finland and Mexico, and exploration and development activities in these countries as well as in the United States and Colombia.



Asante Gold

Asante Gold is an emerging gold producer in Ghana, West Africa. We target growth through organic exploration and focused acquisitions. We believe in responsible development and strive to be Ghana's foremost gold producer and employer of choice.



Aurion Resources

Aurion is a well-funded, Canadian exploration company operating in an emerging gold camp in Finland's Central Lapland Greenstone Belt. The Company's focus is on advancing its Flagship Risti and Launi projects, and JVs with B2Gold and Kinross.



Caledonia Mining

Caledonia Mining is a profitable, dividend-paying gold miner. It acquired an additional exploration project in late 2021 and continues to evaluate other opportunities with the aim to become a multi-asset, Zimbabwean gold producer.



Premium Partners

Dakota Gold

Dakota Gold (NYSE American: DC) is a South Dakota-based responsible gold exploration and development company with a specific focus on revitalizing the Homestake District of South Dakota.



EMX Royalty

EMX has shined for nearly 20 years with a track record of smart deals. With more than 300 royalties and holdings, EMX is poised for a revaluation with its diversification into gold, copper, battery metals, strong partners such as Franco Nevada and new cash inflows.



Endeavour Mining

As a leading global gold producer and largest in West Africa, Endeavour is committed to the principles of responsible mining and delivering sustainable value to all stakeholders. Endeavour is listed on the LSE and TSE under the symbol EDV.



Endeavour Silver

Endeavour Silver is a mid-tier precious metals mining that owns two underground, silver-gold mines in Mexico, and has a compelling pipeline of exploration and development projects to facilitate its goal to become a senior silver producer.



Premium Partners

Hecla Mining

Hecla Mining Company (NYSE: HL) is the largest primary silver producer in the United States and the fifth largest gold producer in Quebec. Hecla is also the third largest US producer of both zinc and lead.



Gold Switzerland

MAM is a global leader in the acquisition and storage of gold, providing investors direct personal access to the biggest and safest private gold vault in the world, located in the Swiss Alps. We offer unique and exceptional personal service and advice to our clients.



Minera Alamos

Minera Alamos is a new gold producer going through the ramp up of its first gold mine with commercial production expected in 2022. Specializing in low capex builds the Minera model remains insulated from inflationary pressures.



Münze Österreich

Internationally renowned for its precious metal processing, Münze Österreich AG produces Austria's circulation coins, Vienna Philharmonic bullion coins in gold, platinum and silver, and gold bars.



Premium Partners

New Zealand Bullion Depository

Our mission is to provide the best in gold bullion storage, with unparalleled service and discretion. Your gold is allocated, segregated and secured in our purpose-built world class New Zealand facility, giving you secure peace of mind.



philoros Edelmetalle

philoros is one of the market leaders in Europe in the field of precious metals trading and your reliable partner for investments in gold and silver, platinum and palladium.



Reyna Gold

Reyna Gold is focused on district-scale exploration on the major gold belts in Mexico, with a property portfolio of over 57,000 hectares, a world class exploration team and proven management team.



Solit Management

As a leading precious metal trading company, the SOLIT Group offers precious metal savings plans, safe storage concepts and asset-based investment funds focusing on gold and silver.



Premium Partners

Sprott Asset Management

Sprott Inc. is a global asset manager providing investors with access to highly-differentiated precious metals and real assets investment strategies.



TUDOR GOLD

TUDOR GOLD Corp. is an Exploration company in the Golden Triangle region in B.C., Canada, which is advancing the Treaty Creek project that hosts a resource of 19.4 MOz AuEq (M+I) plus 7.9 MOz AuEq (Inferred)



Victoria Gold

Victoria Gold (VGCX) is Leading Yukon's New Gold Rush. The Eagle Gold Mine in central Yukon, Canada is increasing production rate to 250K oz/Au in 2023. 2022 Exploration Program at nearby Raven target starts.



Ximen Mining

Ximen Mining (TSX.V XIM) is focused on responsible development, sustainable mining and exploration of its precious metals properties in southern BC, Canada, as it advances its Kenville Gold mine.

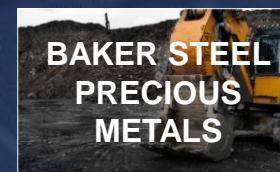
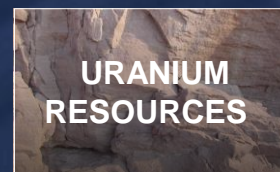
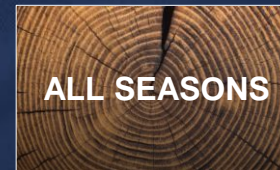


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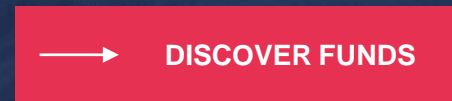
Research

In addition to the In *Gold We Trust* Report – the gold standard of gold reports – we regularly publish relevant studies, reports and chartbooks on the investment topics of gold, crypto and funds.



Our Funds

It is our goal to offer investment products for these times of excessive structural debt and negative real interest rates that meet the requirements of the new investment paradigm.



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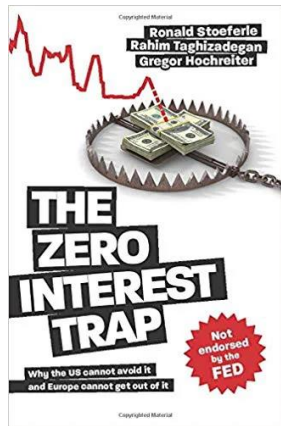
Recognized in more than 60 nations.

Key Facts

<ul style="list-style-type: none"> ✓ Extensive annual study of gold and gold-related capital market developments ✓ Critical analysis and holistic approach Reference work for everybody interested in gold, precious metals and mining stocks ✓ Extent 2020: More than 300 pages 	<ul style="list-style-type: none"> International recognition – newspaper articles in more than 60 countries (Wall Street Journal: "The Goldstandard of Gold Analysis") ✓ Available in a Compact and Extended version ✓ Obtainable in English, German and Chinese ✓ Published for the 14th time in 2019
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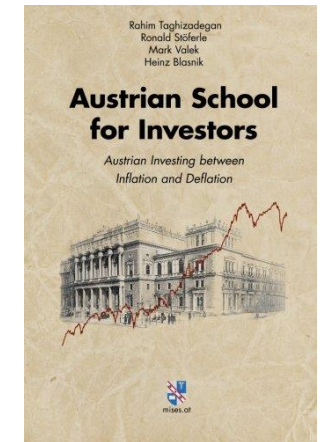
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About the *In Gold We Trust* Report

The annually published *In Gold We Trust* report has been authored by Ronald-Peter Stöferle **since 2007**, this year for the eighth time together with Mark Valek and under the umbrella of Incrementum AG.

It provides a **holistic assessment of the gold sector** and the most important influencing factors, such as real interest rate development, debt, inflation, etc.



Mark Valek & Ronald Peter Stöferle

About the Authors

Ronald-Peter Stöferle, CMT

- Ronni is managing partner of Incrementum AG and responsible for research and portfolio management.
- In 2007 he published his first *In Gold We Trust* report. Over the years, the study has become one of the benchmark publications on gold, money, and inflation.
- Member of the board at Tudor Gold Corp. (TUD) and Goldstorm Metals (GSTM).
- Advisor for Gold Switzerland / Matterhorn Asset Management.



Ronald-Peter Stöferle, CMT

About the Authors

Mark Valek

- Mark is a partner of Incrementum AG and responsible for portfolio management and research.
- Prior to Incrementum, he was with Merrill Lynch and then for 10 years with Raiffeisen Capital Management, most recently as fund manager in the area of inflation protection.
- He gained entrepreneurial experience as co-founder of philoro Edelmetalle GmbH.



Mark J. Valek, CAIA

About Incrementum

Incrementum AG is an owner-managed and fully licensed asset manager & wealth manager based in the Principality of Liechtenstein.

Independence is the cornerstone of our philosophy. The partners own 100% of the company.

Our goal is to offer solid and innovative investment solutions that do justice to the opportunities and risks of today's complex and fragile environment.





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