### **Executive Summary**

#### Last week:

• European Central Bank left the interest rates unchanged, with main refinancing rate at 4.5%

CREATING OPPORTUNITIES

- The US 3Q23 GDP surprised on the upside, growing by 4.9% (vs 4.3% forecast)
- In line with expectations, the US PCE (Personal Consumption Expenditure) price index fell from 3.8% to 3.7%

#### Week ahead:

- US Fed, Bank of England, and Bank of Japan interest rate decisions
- US non-farm payrolls
- Euro Area and Germany GDP and inflation
- Earnings from Apple (AAPL), Alibaba (BABA), AMD (AMD), Airbnb (ABNB), and others

#### Commentary

Global equity markets continued to decline during past week, as mixed corporate earnings, uncertainty around interest rates, and geopolitical headwinds weighed further on investors' sentiment.

In the US, the hotter-than-expected preliminary GDP print fueled fears on persistent inflation and consequently, a "higher-for-longer" interest rate environment. In 3Q23, the US GDP grew by 4.9% - the strongest growth in 2 years. Importantly, however, growth was partly fueled by transitory factors, such as inventory accumulation and defense spending. Moreover, analysts argue that declining stock prices could have a negative wealth effect on richer households, therefore, potentially dampening consumer spending. From this perspective, the impact on inflation may not be as significant as it may seem initially.

On the earnings side, most of the large tech companies, like Microsoft, Alphabet, Meta Platforms, and Amazon surprised on the upside in terms of both revenue and net income. However, most of them declined as investors rather focused on problems, such as rising expenses, slower growth in innovative ventures, and hints on higher uncertainty ahead.

Lastly, the European Central Bank left interest rates unchanged on last week's meeting. Officials stated that current rates could well be restrictive enough to tame inflation, while the ECB President Christine Lagarde called the Euro Area economy "weak", therefore, showing no incentive to rise rates any higher.

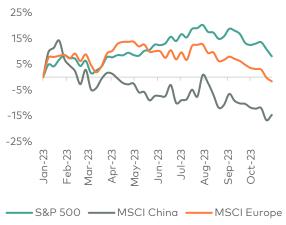
#### Performance of major equity indices

Index	Level	W/W, %	M/M, %	YTD, %
S&P 500	4,117	-2.5	-3.7	7.7
Nasdaq 100	14180	-2.6	-3.9	31.2
Dow Jones 30	32,417	-2.1	-3.4	-2.2
Russsell 2000	1,636	-2.6	-8.0	-6.5
FTSE 100 (£)	7,291	-1.5	-4.0	-3.5
FTSE 250 (£)	16,866	-1.0	-7.4	-11.9
STOXX 600 (€)	429.6	-1.0	-3.9	-1.1
MSCI Europe	47.2	-1.5	-2.2	-0.5
Nikkei 225 (¥)	30,991	-0.9	-4.3	18.8
MSCI China	41.9	2.4	-2.6	-14.6
MSCI EAFE	65.8	-1.1	-4.0	-0.6
MSCI EM	36.5	-0.7	-3.4	-4.4
MSCI World	115.0	-2.2	-3.8	5.4

Source: Bloomberg

Note: All data is denominated in USD unless specified otherwise.

#### Major global equity indices Weekly indexed price returns



Source: Bloombera

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## Sector performance highlights

#### Energy was the worst performing sector last week, as respective sector ETF lost 6.2% w/w.

87 out of 100 largest sector stocks closed the week in red. From top 20, only TotalEnergies (TTE, +1.3%), Eni Spa (E, +1.2%), and Equinor (EQNR, +0.8%) managed to avoid losses. The worst performers from the list were Hess (HES, -10.9%), Chevron Corp (CVX, -10.0%), SLB (SLB, -5.5%), EOG Resources (EOG, -5.3%), and Conoco Phillips (COP, -3.6%).

#### Communications was the second worst performing sector, with sector ETF losing 5.2% w/w.

63 out of 100 largest sector companies declined during the week. From top 20, 11 companies closed the week in red. The worst performers from the list were Charter Communications (CHTR, -11.0%), Alphabet (GOOGL, -9.1%), Comcast (CMCSA, -6.5%), DoorDash (DASH, -4.1%), and Walt Disney (DIS, -4.0%). Meanwhile, the best performers from top 20 were Verizon Communications (VZ, +9.5%), NetEase (NTES, +7.3%), and Spotify (SPOT, +5.1%).

#### S&P 500 sector review: last week performance

ETF Ticker	Close Price, \$	W/W ETF Change %	YTD, %	52-week high, \$	52-week low, \$	12M outlook
SPY	410.7	-2.5%	8.3	457.8	367.9	23.7
XLU	58.7	1.2	.% -16.7	72.1	56.2	Negative
XLB	74.9	-0.5%	-3.4	85.7	71.9	Positive
XLP	66.6	-1.0%	-10.4	77.5	66.2	Negative
XLRE	32.4	-1.2%	-12.4	41.8	32.4	Positive
XLY	149.6	-1.4%	16.5	177.0	126.3	Positive
XLK	161.1	-1.7%	30.7	180.3	118.5	Neutral
XLI	96.4	-2.3%	110.8	-2.0	92.0	Neutral
XLF	31.5	-2.3%	-8.4	37.0	31.0	Positive
XLV	123.1	-3.8%	-9.1	139.5	123.1	Neutral
XLC	63.1	-5.2%	29.8	68.8	45.3	Positive
XLE	84.6	-6.2%	0.3	93.4	76.6	Neutral
	Ticker SPY  XLU XLB XLP XLRE XLY XLK XLI XLF XLV XLC	Ticker       Price, \$         SPY       410.7         XLU       58.7         XLB       74.9         XLP       66.6         XLRE       32.4         XLY       149.6         XLK       161.1         XLI       96.4         XLF       31.5         XLV       123.1         XLC       63.1	Ticker         Price, \$         W/W ETF Change %           SPY         410.7         -2.5%           XLU         58.7         1.2           XLB         74.9         -0.5%           XLP         66.6         -1.0%           XLRE         32.4         -1.2%           XLY         149.6         -1.4%           XLK         161.1         -1.7%           XLI         96.4         -2.3%           XLF         31.5         -2.3%           XLV         123.1         -3.8%           XLC         63.1         -5.2%	Ticker         Price, \$         W/W ETF Change %         Y1D, %           SPY         410.7         -2.5%         8.3           XLU         58.7         1.2%         -16.7           XLB         74.9         -0.5%         -3.4           XLP         66.6         -1.0%         -10.4           XLRE         32.4         -1.2%         -12.4           XLY         149.6         -1.4%         16.5           XLK         161.1         -1.7%         30.7           XLI         96.4         -2.3%         110.8           XLF         31.5         -2.3%         -8.4           XLV         123.1         -3.8%         -9.1           XLC         63.1         -5.2%         29.8	Ticker         Price, \$         W/W ETF Change %         YTD, % high, \$           SPY         410.7         -2.5%         8.3         457.8           XLU         58.7         1.2%         -16.7         72.1           XLB         74.9         -0.5%         -3.4         85.7           XLP         66.6         -1.0%         -10.4         77.5           XLRE         32.4         -1.2%         -12.4         41.8           XLY         149.6         -1.4%         16.5         177.0           XLK         161.1         -1.7%         30.7         180.3           XLI         96.4         -2.3%         110.8         -2.0           XLF         31.5         -2.3%         -8.4         37.0           XLV         123.1         -3.8%         -9.1         139.5           XLC         63.1         -5.2%         29.8         68.8	Ticker         Price, \$         W/W ETF Change %         YTD, %         high, \$         low, \$           SPY         410.7         -2.5%         1.2%         -16.7         72.1         56.2           XLB         74.9         -0.5%         -3.4         85.7         71.9           XLP         66.6         -1.0%         -10.4         77.5         66.2           XLRE         32.4         -1.2%         -12.4         41.8         32.4           XLY         149.6         -1.4%         16.5         177.0         126.3           XLK         161.1         -1.7%         30.7         180.3         118.5           XLI         96.4         -2.3%         110.8         -2.0         92.0           XLF         31.5         -2.3%         -8.4         37.0         31.0           XLV         123.1         -3.8%         -9.1         139.5         123.1           XLC         63.1         -5.2%         29.8         68.8         45.3

Source: Galt & Taggart Research, Bloomberg, S&P Capital IQ Note: percentage price changes given in parentheses indicate w/w changes



# Performance of last week's most traded US stocks (top 20 by value)

#	Ticker	Name	Price, \$	w/w, %	M/M, %	YTD, %	52-week high, \$	52-week low, \$	12M price target, \$	12M upside potential, %
1	VZ	Verizon Communications	33.4	5.9	5.4	-15.3	42.0	30.7	40.7	21.7
2	BABA	Alibaba Group Holding	82.8	3.6	-3.9	-10.0	120.6	63.6	145.5	75.7
3	AMZN	Amazon.com	127.7	2.1	1.4	48.8	144.9	81.8	175.6	37.4
4	INTC	Intel	35.5	1.8	2.7	34.6	38.9	24.9	37.7	6.2
5	MSFT	Microsoft	329.8	1.0	5.4	38.0	359.5	213.1	408.7	23.9
6	MCD	McDonald's	255.8	-0.9	-3.0	-3.2	298.4	246.2	309.1	20.8
7	NVDA	NVIDIA	405.0	-2.1	-4.6	182.9	493.5	131.7	639.4	57.9
8	TSLA	Tesla	207.3	-2.2	-13.8	91.8	293.3	108.1	260.5	25.7
9	MU	Micron Technology	65.7	-2.3	-3.6	30.3	73.9	49.0	79.3	20.8
10	AAPL	Apple	168.2	-2.7	-1.3	34.7	196.4	124.8	205.0	21.9
11	С	Citigroup	38.2	-3.6	-5.5	-15.6	52.3	38.2	51.6	35.0
12	META	Meta Platforms	296.7	-3.9	-0.3	137.9	327.8	88.9	388.0	30.8
13	UBER	Uber Technologies	41.2	-4.0	-8.7	62.6	49.5	24.4	58.8	42.5
14	BAC	Bank of America	25.2	-4.3	-7.7	-24.9	38.2	25.2	34.8	38.3
15	XOM	Exxon Mobil	105.6	-5.0	-12.2	-0.10	120.2	99.8	129.2	22.4
16	AMD	Advanced Micro Devices	96.4	-5.3	-1.7	50.6	129.2	58.6	137.5	42.5
17	TSM	Taiwan Semiconductor Manufacturing	86.0	-5.8	0.6	16.2	107.0	59.9	110.0	27.9
18	GOOGL	Alphabet	122.2	-9.9	-6.4	37.1	140.6	83.4	154.0	26.0
19	CVX	Chevron	144.4	-13.5	-15.6	-16.3	186.1	144.4	189.5	31.3
20	F	Ford Motor Company	10.0	-14.4	-19.6	-9.4	15.4	10.0	15.4	54.2

Source: Bloomberg, Capital IQ

Note: Positive 12 month return targets imply an overall "Buy" recommendation by analysts



## Week ahead calendar

#### Macroeconomic releases

### Company earnings

	Time (GMT +4)	Country	Event	Company	Ticker	Time	Forecast EPS \$
Monday 30 October	13:00	Germany	GDP prel. (3Q23)	McDonald's	MCD	Premarket	3.00
	14:00	Euro area	Consumer confidence (Oct)	HSBC	HSBC	Premarket	1.52
30	17:00	Germany	Inflation (Oct)	BYD	BYDDY	Premarket	0.66
	05:30	China	Manufacturing PMI (Oct)	Pfizer	PFE	Premarket	-0.08
	07:00	Japan	Bank of Japan interest rate decision	Amgen	AMGN	Premarket	4.68
Tuesday 31 October	14:00	Euro area	Inflation prel. (Oct)	Caterpillar	CAT	Premarket	4.80
Tuesday 31 Octobe	14:00	Euro area	GDP prel. (3Q23)	BP	ВР	Premarket	1.41
	18:00	US	Consumer confidence (Oct)	AMD	AMD	After market	0.68
	05:30	China	Manufacturing PMI (Oct)				
<b>ay</b>	18:00	US	Manufacturing PMI (Oct)	Airbnb	ABNB	After market	2.12
Wednesday 1 November	22:00	US	Fed interest rate decision	Toyota Motor	ТМ	N/A	4.38
× ⊢ ∑				Sony	SONY	N/A	1.22
	12:55	Germany	Unemployment (Oct)	Eli Lilly	LLY	Premarket	-0.2
	16:00	UK	Bank of England interest rate decision	Novo Nordisk	NVO	Premarket	0.68
<b>Thursday</b> 2 November				Shell	SHEL	Premarket	1.86
2 Z				Apple	AAPL	After market	1.39
				Booking Holdings	BKNG	After market	67.78
e	16:30	US	Non-farm payrolls (Oct)	Enbridge	ENB	Premarket	0.59
<b>Friday</b> November	18:00	US	Services PMI (Oct)	Alibaba	BABA	N/A	15.29
3 No				BMW	BMWYY	N/A	1.46

Source: Bloomberg, NASDAQ



# **Definitions: Equity indices**

S&P 500 is a market capitalization weighted index of 500 leading US companies, developed by Standard & Poor's in 1957. As the index is diversified over 11 fundamental sectors of the economy it is widely considered a benchmark for the overall US stock market.
Nasdaq 100 is a market capitalization weighted index of 100 largest companies (mostly US-based) listed on Nasdaq stock exchange. The index includes companies from numerous sectors, but is mostly composed of technology-focused companies. The index excludes companies from financial sector.
Founded in 1882, Dow Jones Industrial Average (DJIA) or Dow Jones 30 is the price weighted index of some of the largest 30 US stocks. While most of the constituent companies are quite old and established, there have been some new additions, such as Salesforce, Amgen, and Honeywell in 2020.
Russell 2000 is a market capitalization weighted benchmark equity index of 2,000 small-cap (market cap between \$300mn and \$3bn) US stocks. The index is viewed as a strong indicator for the broader US economic trend, as the constituent companies mostly operate only within the US.
FTSE 100 is a market capitalization weighted index of 100 largest companies listed on London Stock Exchange (LSE). As such, the index is similar to S&P 500 and Dow Jones 30 but includes companies mostly from Europe.
The index covers 250 companies listed on the LSE that rank from 100 to 350 in terms of market capitalization (therefore, focusing largely on mid-cap companies). FTSE 250 covers stocks mostly from Europe.
Stoxx 600 aims to capture the broad European equity market, as it includes companies of all sizes from 17 different countries. The index includes famous European companies, such as Nestle, AstraZeneca, and Moët Hennessy Louis Vuitton.
MSCI Europe includes 427 large (market cap above \$10bn) and mid-cap (market cap between \$2bn and \$10bn) companies from 15 European developed economies. As such, the index covers roughly 85% of free-float adjusted market capitalization of the European DM equity universe.
Nikkei is the price weighted index of 225 blue-chip stocks listed on Tokyo stock exchange (therefore, an equivalent of S&P 500 in the US). Some of the most prominent constituents of the index are Sony, Nissan, and Honda.
MSCI China includes 717 large and mid-cap companies listed on Beijing, Shanghai, and Shenzhen stock exchanges. As such, the index covers roughly 85% of the Chinese equity universe.
MSCI EAFE consists of 900 stocks from developed markets worldwide, excluding the US and Canada (including Japan, the UK, France, Germany, Switzerland, and others). The index covers roughly 85% of free-float adjusted market capitalization of 21 countries of focus.
MSCI EM includes 1,436 large and mid-cap companies from 24 emerging economies (including China, India, Taiwan, South Korea, Brazil, and others). As such, the index covers roughly 85% of free-float adjusted market capitalization of countries of focus.
MSCI World includes 1,510 large and mid-cap companies from 23 developed economies. As such, it is an extension of MSCI EAFE and includes the US and Canada as well. The index covers roughly 85% of



## **Definitions: Sectors**

Communications	Includes companies that produce communication technologies and services. Major industries are internet content & information, telecom services, entertainment, electronic gaming & multimedia, advertising agencies, broadcasting, and publishing. Examples of leading companies in this sector are Alphabet, Meta Platforms, Netflix, T-Mobile, and Walt Disney.
Technology	Includes companies that produce technological goods or services. Major industries are software, semiconductors, consumer electronics, IT services, computer hardware, electronic components, and scientific & technical instruments. Examples of leading companies in this sector are Apple, Microsoft, NVIDIA, Cisco, and IBM.
Discretionary	Includes companies that produce non-essential or luxury goods and services (known as Consumer Discretionary or Consumer Cyclical). Major industries are general and internet retail, auto manufacturing & dealership, apparel, restaurants, travel services & resorts, and gambling. Examples of leading companies in this sector are Amazon, Tesla, Nike, Alibaba, and McDonald's.
Staples	Includes companies that produce goods essential to life (known as Consumer Staples or Consumer Defensive). Major industries are discount stores, household & personal products, beverages, tobacco, packaged foods, confectioneries, farm products, and grocery stores. Examples of leading companies in this sector are Walmart, Procter & Gamble, Coca-Cola, Philip Morris, and Costco.
Health Care	Includes companies that produce health-related products and services. Major industries are drug manufacturing, biotechnology, healthcare plans, medical devices, instruments & supplies, diagnostics & research, and medical care facilities. Examples of leading companies in this sector are Eli Lilly, UnitedHealth Group, Johnson & Johnson, AstraZeneca, and Pfizer.
Financials	Includes companies related to finance and investing. Major industries are banks, insurance, credit services, asset management, capital markets, and financial data & stock exchanges. Examples of leading companies in this sector are Berkshire Hathaway, Visa, JPMorgan, Bank of America, and Goldman Sachs.
Industrials	Includes companies that mainly produce capital goods for manufacturing and construction. Major industries are aerospace & defense, industrial machinery, railroads, farm & heavy construction machinery, freight & logistics, and building products & equipment. Examples of leading companies in this sector are Union Pacific, United Parcel Services, FedEx, General Electric, and Boeing.
Materials	Includes companies that produce raw materials mostly for manufacturing purposes. Major industries are chemicals, industrial metals & mining, precious metals & mining, building materials, agricultural inputs, paper & paper products, and lumber & wood products. Examples of leading companies in this sector are Linde, BHP Group, Rio Tinto, and Dow.
Energy	Includes companies relating to oil, gas, and consumable fuels. Major industries of the sector are oil & gas: exploration & production, midstream, equipment & services, refining & marketing, drilling, uranium, and thermal coal. Examples of leading companies in this sector are Exxon Mobil, Chevron, Shell, Occidental Petroleum, and BP.
Utilities	Includes companies that provide basic utilities, such as gas, water, and electricity. Major industries include regulated electric, renewables, regulated gas, regulated water, and independent power producers. Examples of leading companies in this sector are NextEra Energy, Southern Company, and Duke Energy.
Real Estate	Mainly includes Real Estate Investment Trusts (REITs). Major industries are REIT: specialty, industrial, residential, retail, healthcare facilities, diversified, office, mortgage, hotel & motel, and real estate services. Examples of leading companies in this sector are Prologis, American Tower, and Equinix.



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