



GLOBAL INVESTING

Understanding Global Investment Cycles to Spot Opportunities

THE MAP AND THE MACHINE

AMIT R BHARTIA

ICAI Dubai Chapter (NPIO) · 11 July 2026

Where We're Going

The evidence — the method, ours then yours — and the discussion.

PART 1

Musical Chairs

Asset classes rotate; countries diverge fifty points a year; panics hide bull markets.

Nothing stays on top — **and the headline always misses it.**

PART 2

The Method

A • OURS — how we decide: the ABC, the lenses, the scorecard.

B • YOURS — applying it with AI: macro analysis to stock selection.

The craft, then the toolkit

PART 3

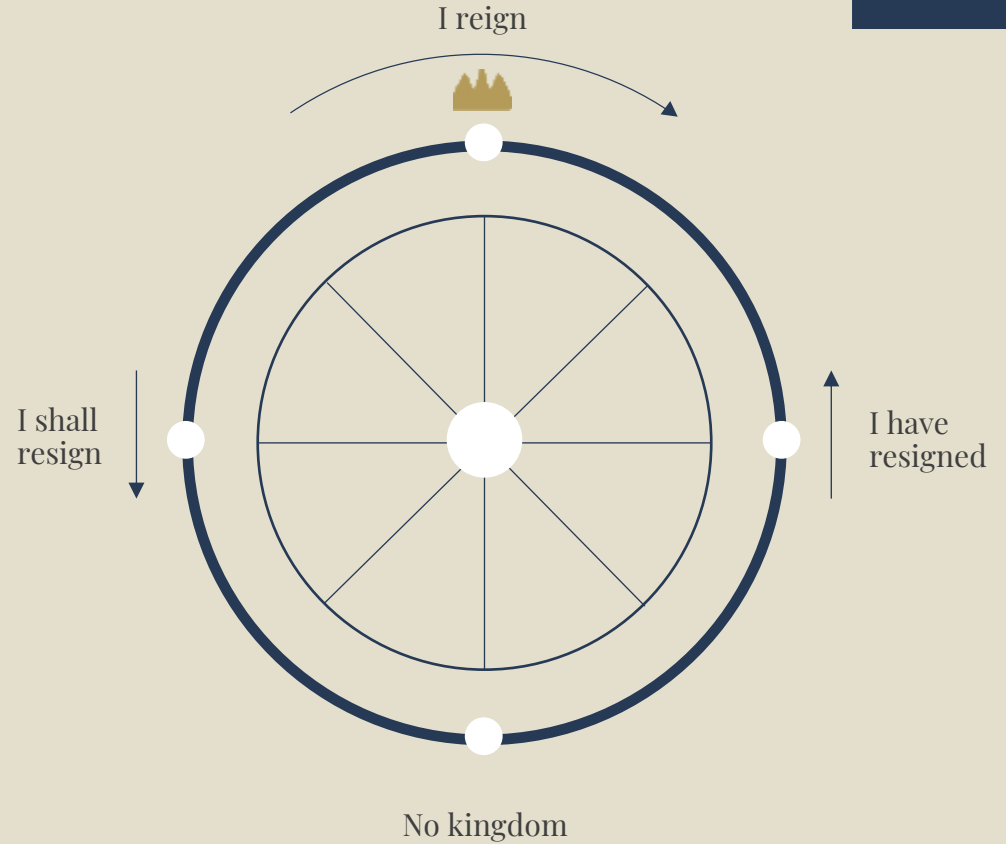
For Discussion

Where we stand, on the record: the 2024 US call refreshed to 2031 — and the bubble verdict.

Then the deep dives: bitcoin, the trillion-dollar dislocation, US industrials, China, India..

PART I

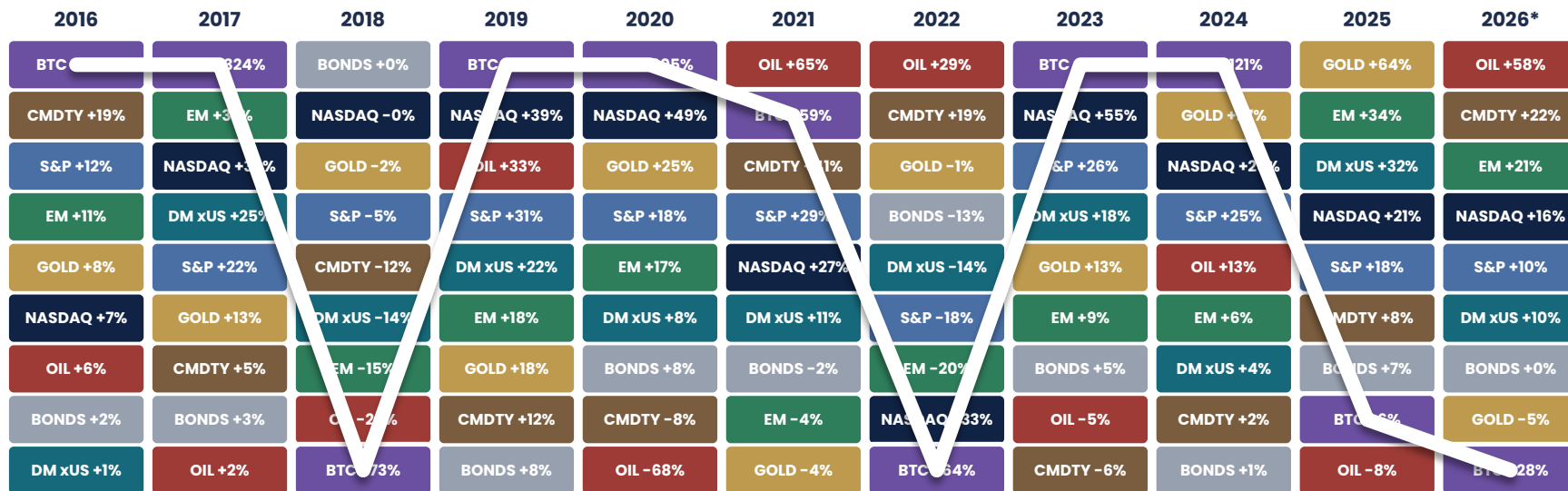
► Musical Chairs



The Wheel Always Turns.

Nothing Stays on Top

Nine asset classes, eleven years of actual returns — ranked best to worst. Follow the white line.



5/10
TIMES

Buy last year's winner and, half the time, it finished near the bottom the next year.

9/9
TIMES

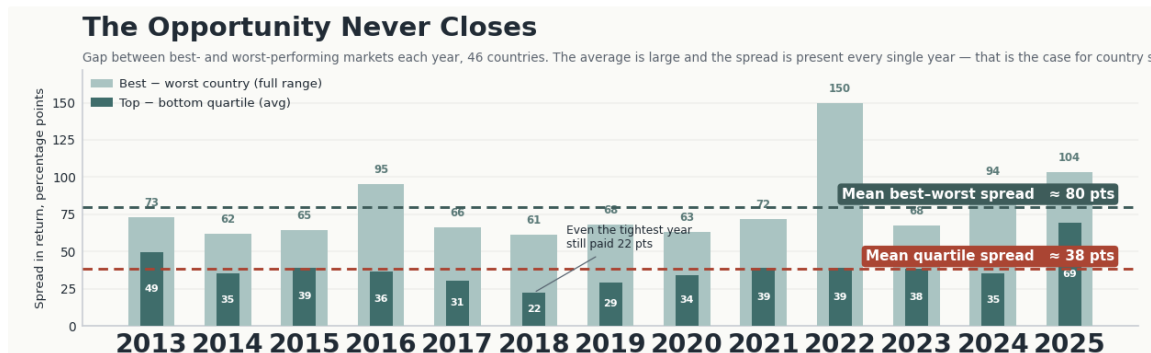
Every asset — even bonds — had a year in the top three. Almost all had a year in the bottom three too.

0
WINS

The S&P never topped a year — yet compounded 14.7%/yr, second-best of all.

There's Always a Bull Market Somewhere

— and a bear market too. Country returns scatter every single year..



YEAR	BEST PERFORMER	RETURN %	WORST PERFORMER	RETURN %	SPREAD (PP)
2022	Turkey	+105.8	Vietnam	-43.7	149.6
2023	Argentina	+53.7	Hong Kong	-13.8	67.5
2024	Argentina	+63.5	Brazil	-30.4	93.9
2025	Korea	+95.3	Saudi Arabia	-8.2	103.6

► Spread between best and worst-performing country, by year (percentage points)

≈ 80 pp

average yearly gap between
the best and worst country

Home bias forfeits it

... Even When the World Is Ending

Six panics in twenty-six years — including the one running now.
Every one had a bull market inside it.

THE CRISIS	THE HEADLINE	THE BULL MARKET NO ONE COVERED
2000–02 Dot-com bust	S&P -48% peak to trough. 'Tech is the only game' — wiped out.	Long Treasuries rallied (10y 6.2% → 3.6%) · dollar +15% vs yen
2007–09 Global Financial Crisis	S&P -55%. A bank failing every week.	Long Treasuries +25% · gold +24% · yen +18%
2018 Q4 selloff	S&P -19% in a quarter. 'Powell's breaking it.'	Brazil equities +10% · gold +5% · long Treasuries +5%
2020 COVID crash	Fastest -34% in history. Economies shut.	Long Treasuries +14% · 10Y T-note futures +5% · short Treasuries +2%
2022 Inflation shock	S&P -24%. Stocks AND bonds down — worst 60/40 since 1937.	Energy stocks +45% · dollar +27% · commodities +21% · crude +15%
2026* The AI unwind		

► The headline is the panic. **The opportunity never makes the front page.**

... Even When Money Itself Is Ending

COVID QE, 2020–21: the fastest money-printing on record.
The dollar didn't collapse — scarce assets repriced instead.

THE PRINT

► FED BALANCE SHEET

\$4.2T → \$8.9T — +\$4.7T in two years.

► M2 MONEY SUPPLY

+26% in 2020 — the fastest on record.

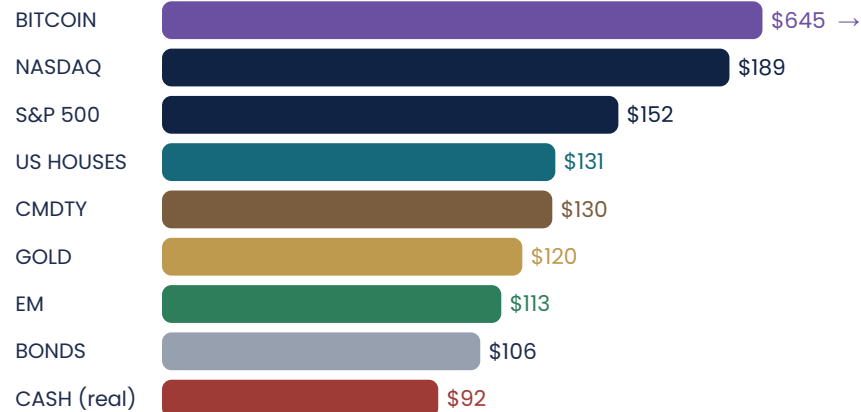
► REAL YIELDS

Deeply negative — cash paid ~-1% real.

► THE DOLLAR

Spiked in the panic, fell 13%, round-tripped by end-2021. No collapse.

WHAT \$100 BECAME · 2020–21



scale capped at \$200 — bitcoin ran off the chart

- Debasement doesn't show up in the exchange rate — it shows up in asset prices.
Own what can't be printed.

2020–21 total returns (FactSet); houses: Case-Shiller; cash deflated by CPI. Illustrative.

PART II

► **The Method**

Ours, then yours — how we decide, and how you can run it with AI, macro to stock selection.

Our ABC of Investing

"Investment and speculation are difficult, not easy; uncertain, not clear-cut; treacherous, not logical. Here, more than anywhere in the world, is the land of illusion. **Things are not what they seem.**"

— Gerald M. Loeb, The Battle for Investment Survival (1935)

A

Adopt a
Speculative Mindset

B

Be
Imprecise

C

Combine
Multiple Indicators

Turning Noise Into a Decision

Top-down. Each step narrows the field — from the whole world to a sized position.



► Today we go deep on **Step 2 — Country Selection**. The single most important variable.

The Narrative Is Not the Signal

The consensus narrative — bull or bear — is the most seductive thing in markets. It is not the signal.

Consensus: “The world’s 7th-largest economy by 2030 — overtaking Germany & the UK.” McKinsey, 2012.



Consensus: Grexit any day. Default, capital controls — an uninvestable market.



Consensus: The sick man of Europe. A sovereign debt doom-loop — the next domino after Greece.



Consensus: The “B” in BRIC. A commodity supercycle and the country of the future. Goldman Sachs, 2001.



► The narrative is not the signal. **Bull or bear — earnings, valuation and FX decide the dollar.**

Four Lenses on the Next 12 Months

Today, the cyclical clock: four lenses score the world — and one check can veto them all.

VALUE

- ▶ **Earnings environment** — improving or rolling over?
- ▶ **Multiples** — are you paying a fair price?

MOMENTUM

- ▶ **Wisdom of crowds** — trends persist
- ▶ **Madness of crowds** — ...and overshoot

LIQUIDITY

- ▶ **Central-bank policy** — the tide
- ▶ **Market-based measures** — the confirmation

SENTIMENT

- ▶ **Positioning** — who's already in
- ▶ **Crowd psychology** — euphoria or fear

- ▶ **THE FIFTH CHECK · MACRO VULNERABILITY — THE VETO** (our San Andreas test)
Current account above the critical line? Twin deficits? Election risk rising? **When the fault line is live, the four scores don't matter.**
- ▶ **THE OTHER CLOCK · STRUCTURAL · 10+ YEARS** a talk of its own, parked today.
Valuation & mean-reversion · structural earnings growth · currency & RER · demographics. **Don't mix the clocks.**

Pick Countries Like an Institution

Six illustrative prompts

VALUE

earnings · multiples

- ▶ Rank on PE, P/B and dividend yield — where are earnings accelerating?

MOMENTUM

wisdom vs madness

- ▶ Trend model from price — who's trending, who's rolling over?

LIQUIDITY

the tide, confirmed

- ▶ Which way are rates heading? Where is the tide turning?

SENTIMENT

positioning · fear

- ▶ Is sentiment over-extended? Who's already all-in?

MACRO RISK

the veto · San Andreas test

- ▶ Flag CAD, twin deficits, election risk.
High risk, low conviction

RANK

one score, sorted

- ▶ Combine all five into one score and rank the world. → [next slide](#)

Every Country, One Number

Each country scored on three lenses — value, momentum, liquidity — then a weighted composite. Ranked best to worst.

COUNTRY	VALUE	MOMENTUM	LIQUIDITY	SCORE
1 Korea	●	●	●	●
2 China	●	●	●	●
3 US	●	●	●	●
4 Japan	●	●	●	●
5 India	●	●	●	●

COLOUR KEY

● positive

● neutral

● negative

Score = 60% momentum ·
20% value · 20% liquidity



**“Anyone can cook.
But only the fearless can be great.”**

– Chef Gusteau Ratatouille

Illustrative: simple value & momentum metrics — our live definitions differ. A DIY, explanatory version, not our production signal.

Greece, Replayed

How Greece looked through the frameworks over time — value, growth, momentum, and sentiment. GREK ETF as proxy.

GREK · 5 YEARS

\$27.70 → \$75.50 · +173%



1 JUL 2021 Value First

Borders reopen, tourism recovers, RRF funds approved — but Debt/GDP ~200% and junk ratings keep the label 'uninvestable.' Deep value on normalized earnings.

2 MID-2023 Growth Confirms

Mitsotakis wins outright (Jun); S&P & DBRS restore Investment Grade (Sep) — 13 years of junk end. Debt/GDP 209% → 163%.

3 2024 - EARLY '25 Momentum Turns

GDP +2.1% vs euro-area 0.5%; unemployment falling; HRADF privatizations top €4bn. Institutions turn bullish — the crowd hasn't yet.

4 TODAY · 2026 Sentiment Shifts

Net FDI at records; primary surpluses and early repayments cut debt; corporate credit expands. The 'Greek miracle' is now consensus.

► The narrative said uninvestable. **The lenses said buy — one at a time.**

Same Question. Twelve Answers. All Wrong.

One prompt, frozen at July 2025. Four models, three sectors — every call bullish, every stock down.

The prompt, identical for each: “Treat today as July 2025. You have zero knowledge of anything after that date. Analyze [company] using only information publicly available then — no prices, filings, news or events beyond it. Cross-verify first.”

KKR	Adobe	Accenture
Private Equity · Jul '25 · was \$151 FOUR MODELS · ALL BULLISH ▲ +15% to +28% 1-yr target \$174–\$193	Creative Software · Jul '25 · was \$385 FOUR MODELS · ALL BULLISH ▲ +18% to +32% 1-yr target \$455–\$508	IT Services · Jul '25 · was \$307 FOUR MODELS · ALL BULLISH ▲ +20% to +35% 1-yr target \$369–\$415
ACTUAL · JULY 2026 ▼ -40% now \$90 Illiquid loans, liquid promises — a sector-wide gate event.	ACTUAL · JULY 2026 ▼ -47% now \$205 Moat erosion: the P/E re-rated ~30x → ~14x.	ACTUAL · JULY 2026 ▼ -60% now \$124 The product it sells replaces its own business model.

▶ Every model projected +15% to +35% upside. **Reality: -40% to -60%. All twelve targets wrong.**

“There is no such thing as a final answer to security values. A dozen experts will arrive at 12 different conclusions.”

– Gerald M. Loeb, 1935 — and now, the machines.

How to Use It Anyway

First, how the machine works: AI weights sources by popularity, not quality —
“a blurry JPEG of the Web.” The seven lessons follow.

DO

- 1 Anchor it to your own data — macro or micro.**
- 2 Pinpoint it to alternative data — X, LinkedIn, blogs.**
Curate the quiet, high-signal voices — and pin the model to that data only.
- 3 Define your terms.**
Year-end ROE or a five-year average? Say it — or the model decides silently.
- 4 Point it backward — run the proven screens.**
Footnotes, transcripts, earnings-quality checks — every name, every quarter.
- 5 Make it argue the short case.**
Models checking each other — the cheapest devil's advocate you'll hire.

DON'T

- 1 Trust it at turning points.**
Adobe, Accenture: revenues forecast right — the multiple collapsed on competition it couldn't see.
- 2 Ask it for price targets.**
You saw the twelve. It is most confident exactly where it is least useful.
- 3 Accept a single run.**
Ask twice — if the answers differ, trust neither.
And audit one number back to its source.

“Think of ChatGPT as a blurry JPEG of all the text on the Web... all you will ever get is an approximation.”

– Ted Chiang, The New Yorker, 2023

The Machine Is Yours. The Judgement Is Still on You.

The edge sat behind an institutional wall. It's coming down.

- ▶ 1 – Roughly right beats precisely wrong.
 - ▶ 2 – No career risk beats a million-dollar budget.
 - ▶ 3 – Audit the machine like a client.
-
- ▶ Institutions no longer have a monopoly on process, data, or research budgets.
What remains scarce is judgement.

NOW — BRING THE HARD QUESTIONS.

For Discussion

Views on the questions that tend to come up

- ▶ US — still upside
- ▶ The bubble question
- ▶ \$1T dislocations
- ▶ The easy AI trade
- ▶ Gold's tug of war
- ▶ China: wrong trade
- ▶ India's hidden ratio
- ▶ Bitcoin, done right

Above Consensus in 2024 — Tracking Ahead

March 2024: consensus said recession. We published five-year targets, on the record. The scoreboard, 2.3 years in.

WHY WE DIFFERED

“Five-Year Outlook: 6–12% & 12–18% Yearly Returns for S&P 500 & Nasdaq”

LinkedIn · March 13, 2024 — a dated, public call.

- ▶ **Growth:** consensus saw recession. We saw AI productivity plus ‘paranoia’ — reshoring and CHIPS capex — the forces that had just beaten the 2023 recession call.
- ▶ **Multiple:** 20× forward wasn’t rich against 90th-percentile earnings growth — and the US moat vs China was widening: talent, export controls, capital costs.
- ▶ **The unpopular half:** EM to underperform; the dollar to stay strong.

FOR THE RECORD · 2.3 YEARS IN

SPY · S&P 500

+46%

\$509.67 (Mar ’24) → **\$745.40** 2029 target: \$682–\$898

Past the low end in two years — comfortably inside the range, three years early.

QQQ · Nasdaq

+64%

\$433.91 (Mar ’24) → **\$711.44** 2029 target: \$765–\$993

About \$50 shy of the low end — at the halfway mark of the window.

MSCI EM: lagged as called into 2025 — then re-rated: +43% in 12 months vs the S&P’s +23%.

Ahead of schedule. Next: the same arithmetic, refreshed →

ETF prices; levels as of early Jul 2026. Illustrative — not advice.

S&P 500: 10,000–12,000 by 2029

The same A–E arithmetic, refreshed — still upside, from framework rather than hope.

INDICATOR	SP500
A. Real earnings growth	▲
B. Inflation	→
C. Δ P/E (multiple)	→
Starting multiples	●
Terminal multiples	hold
Change in ROE	▲
Cost of capital	▼
Change in addressable market	▲
D. Dividend yield	→
E. Δ Currency (FX)	→
Expected return (A+B+C+D+E)	●
Forecasting risks	●
Dispersion	●
Prior call · to 2029	6–12%/yr
Refreshed · to 2031	8–14% /yr

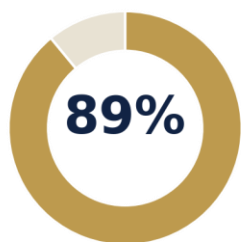
KEY ASSUMPTIONS

- 1 Accelerating growth**
AI productivity, operating leverage and buybacks — index earnings re-accelerating, not fading.
- 2 Valuations not expensive**
Full on trailing multiples; reasonable on accelerating forward earnings and a higher-ROE index.
- 3 Debt & politics: noise**
Deficits, debt-ceiling theatre and elections drive volatility — not five-year derailment.

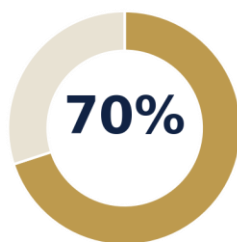
▲ tailwind → neutral ▼ grey = input direction ● favourable / neutral / unfavourable

No Substitute for the Dollar

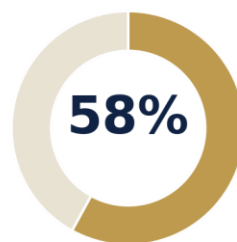
The dollar leads every function of money — trading, borrowing, saving, invoicing, paying.



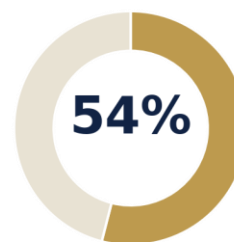
FX TRADES
of all FX trades



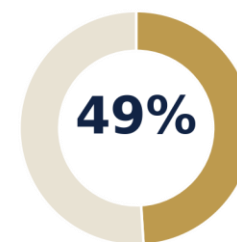
DEBT ISSUANCE
foreign-currency debt



RESERVES
central-bank reserves



TRADE INVOICING
of world trade



GLOBAL PAYMENTS
SWIFT messages

USD share of each market · BIS 2025, IMF COFER, Fed, SWIFT

Yet the US is barely 10% of world trade and a quarter of world GDP. The dollar's reach far outstrips the economy behind it — a network effect no rival can match.

► You can dislike the dollar and still have no choice but to use it. **There is no #2.**

Signals Mixed US tech Bubble

Read it through four tests and the signals genuinely conflict — the bubble case is real, but so is the defence.

● BUBBLE SIGNAL

CONCENTRATION

Market Cap as % of...	2000	2026	Crowding
Top 10 vs US GDP	21.5%	78.1%	▲ 3.6× higher
Top 10 vs World GDP	6.5%	21.6%	▲ 3.3× higher
Top 5 vs US GDP	18.3%	58.8%	▲ 3.2× higher
Largest Co. vs US GDP	5.2%	14.7%	▲ 2.8× higher

Top 10 = 78% of US GDP — 3.6× the 2000 peak. More top-heavy than dot-com.

● REASSURING

QUALITY OF LEADERS

Metric (median)	2000	2026	The shift
CAPEX / OCF	33%	51%	▲ +18% reinvestment
Operating margin	23%	32%	▲ +9% efficiency
Gross margin	58%	55%	▼ -3% mix shift
Net margin	17%	28%	▲ +11% profitability
ROE	20%	30%	▲ +10% returns
R&D % sales	10%	10%	● flat sustained

Net margins, ROE, reinvestment far above 2000. Cash machines, not dot-coms.

● REASSURING

EXPECTED RETURN



~4.9% real today vs ~2.3% in 2000 — you're paid 2×+ more to own it.

● IT'S THE MONEY

PRICED IN GOLD



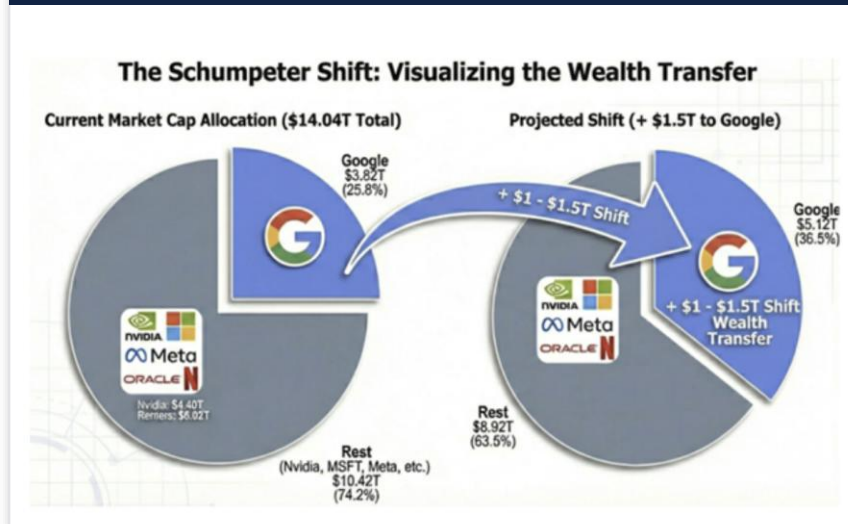
S&P / Gold 1.8× vs 5.6× in 2000 — partly debasement, not pure mania.

► Two lights red, two green. **We don't need to solve the riddle to make money — own the antidote and let someone else chase her.**

The Trillion-Dollar Dislocation

The map pointed to Google while the market dug in bubbles — and our call played out.

THE CALL WE MADE · LINKEDIN, NOV 2025



Published Nov 2025 (Amit & Alvaro). Gemini 3 on Google's own TPUs bypassed Nvidia's ~75% tax — and it played out.

THE BIGGER POINT

~\$25T

the Mag-7 / AI complex

Relative dislocations inside it run to trillions of dollars — Google alone moved ~\$1T in six months.

You don't need to solve the bubble. Trillion-dollar dislocations are there to be found.

The next one? *Microsoft vs. memory stocks.*

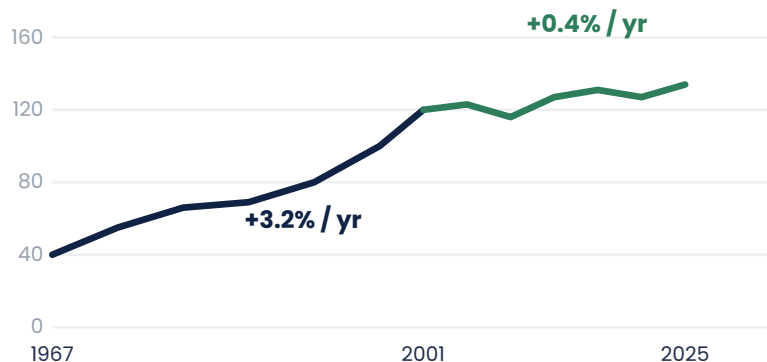
Chart as published on LinkedIn, Nov 2025 (Amit & Alvaro). Market caps approximate. Illustrative — not advice.

US Industrials: One Trade, Three Megatrends

Two decades of under-investment — now meeting the biggest capex wave in a generation.

THE DISLOCATION

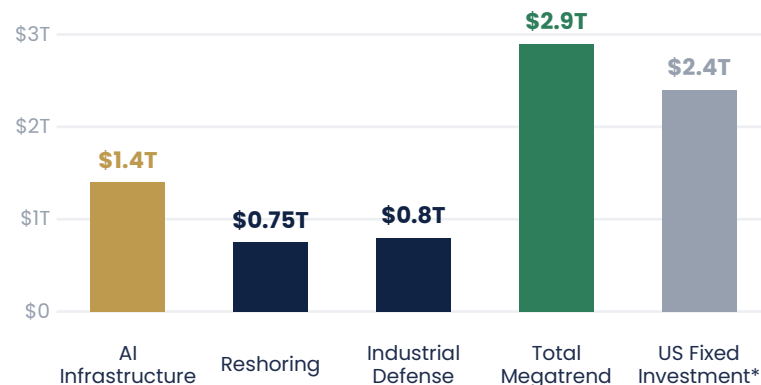
US Industrial Capacity (index)



Capacity grew 3.2%/yr to 2001, then just 0.4%. **Reversion is necessary — and, we think, inevitable.**

THE MEGATREND

Expected Annual Capex (\$tn)



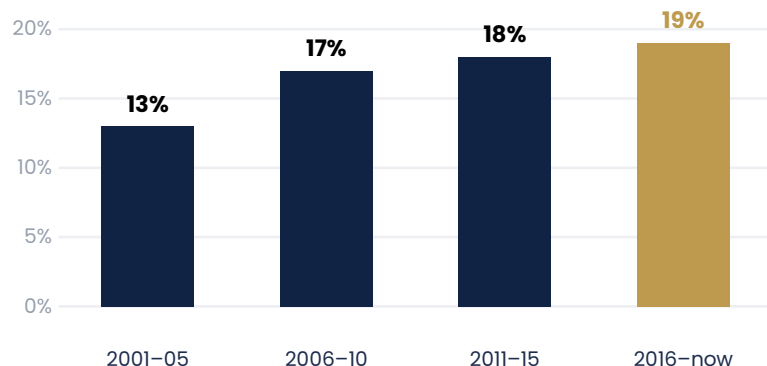
AI infrastructure is the single largest driver; **megatrend capex now rivals all US fixed investment.**

The Boring Half of an Exciting Trade

Unfashionable industrials earning ~20% on equity — bought at ~15× earnings. The edge is the ROE.

QUALITY, IMPROVING

Industrials Sector ROE (5-yr avg)



5-yr average ROE climbed 13% → 19% — and it is still rising.

THE BOTTOM-UP OPPORTUNITY

20%

SECTOR ROE

15×

P / E — AT THE MARKET

THE EDGE IS THE ROE

~20% sector ROE - ~16% for the S&P = **+400 bps**

Over the long run a stock's return tracks its ROE. That 4% edge, bought at 15×, is the whole trade.

Boring businesses. Exciting compounding.

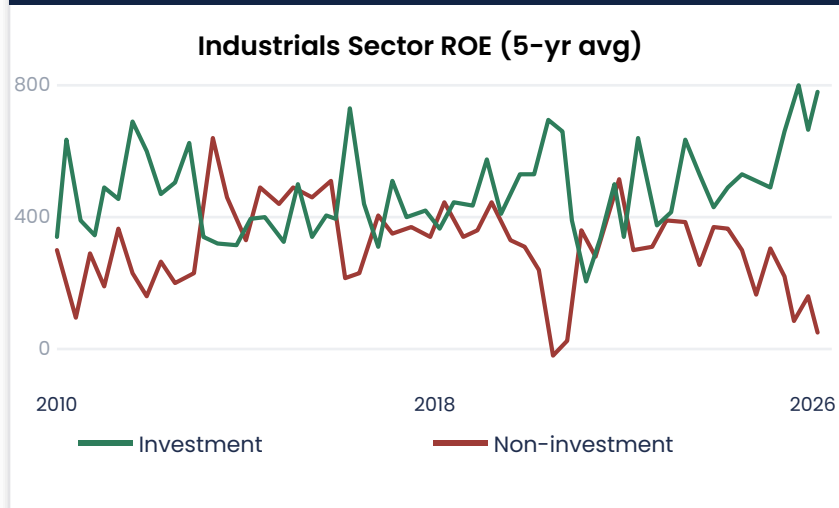
Source: Bloomberg, Willow Run Capital. Illustrative theme characteristics — not investment advice or a solicitation.

Gold: The Tug of War

OUR READ, TODAY

We made the structural call in 2024 — gold's up ~65%. Now it's a tug of war: the sovereign bid holds, retail has walked — and momentum isn't confirming.

NET GOLD DEMAND · QUARTERLY (t)



FOUR BATTLEFIELDS

Q1 FLOWS

CBs bought 244t — 15× the reported 16t

Jewelry demand -23% YoY at record prices

CHINA

PBOC 20 straight months — post-Russia hedge

Retail jewelry -32% by volume

INDIA

Households hold ~30,000t vs rupee decay

Imports -4.8%; scrap selling → 200–250t

BEHAVIOR

Sovereigns price-insensitive

Tactical leverage left to chase equities

- The sovereign floor is real — and a US–China détente is its biggest risk. Near-term, the momentum shift is winning.
Insurance, not an engine.

Chart: BullionVault via WGC / Metals Focus, Q1 2010–Q1 2026.

No View on Bitcoin — A Better Way to Play It

Strategy — formerly MicroStrategy — is the **world's largest corporate holder of bitcoin**: ~818,000 coins, about 4% of all that will ever exist. Michael Saylor turned a software company into a leveraged bitcoin treasury in 2020.

MSTR · SHARE PRICE (SPLIT-ADJUSTED)



HOW MSTR BEATS BITCOIN

Only if all three happen together:

- 1 Bitcoin rises.
- 2 It trades above its bitcoin — now ~1.05x.
- 3 Issues above NAV, buys BTC accretively.

~\$37B equity on ~\$53B of BTC, ~1.05x NAV. Near 1x, (2) and (3) fade — a plain, **levered bitcoin bet**.

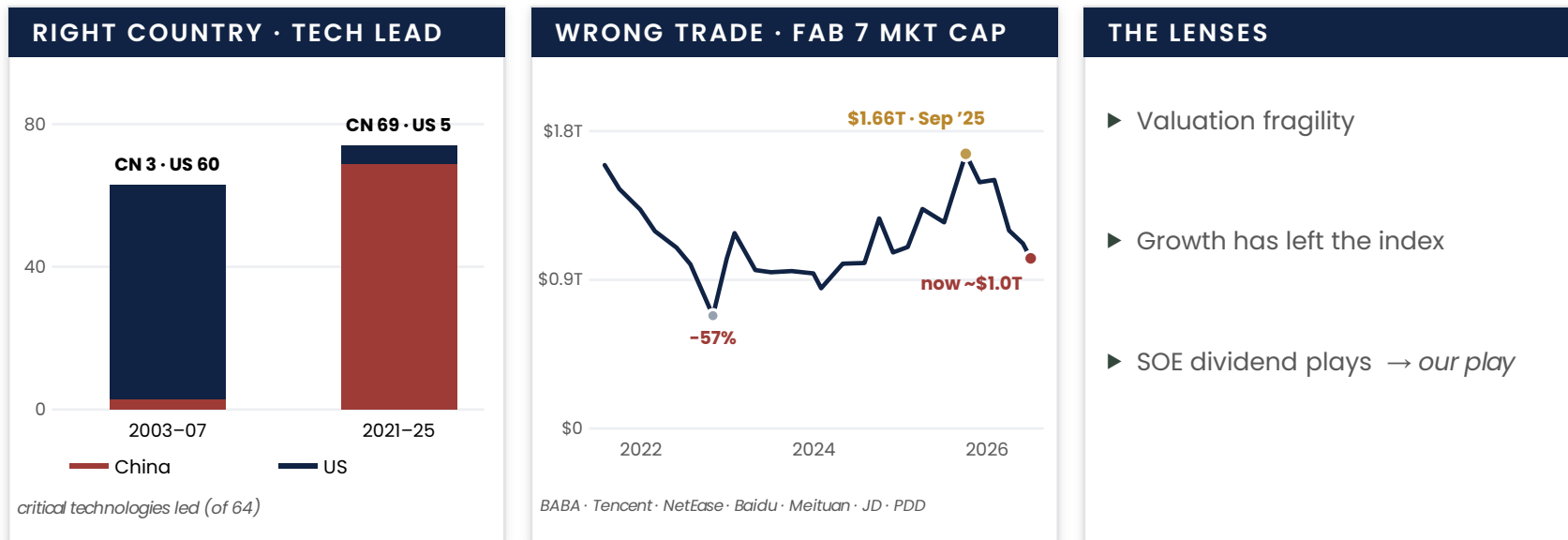
OUR TAKE

- No view on bitcoin's value, and we never bought the alternative-to-the-dollar story. But the Q1 loss is accounting, the fortress holds, and the premium is nearly gone — a cleaner beta call from here. A small position if sentiment turns: **rent the trade, don't own the belief.**

Source: Strategy Q1 2026 results & valuation model; price split-adjusted, ~early Jul 2026. Illustrative — not advice.

China : Right Country. Wrong Trade.

The tech edge is real; the index round-tripped. Three lenses on how to own it.



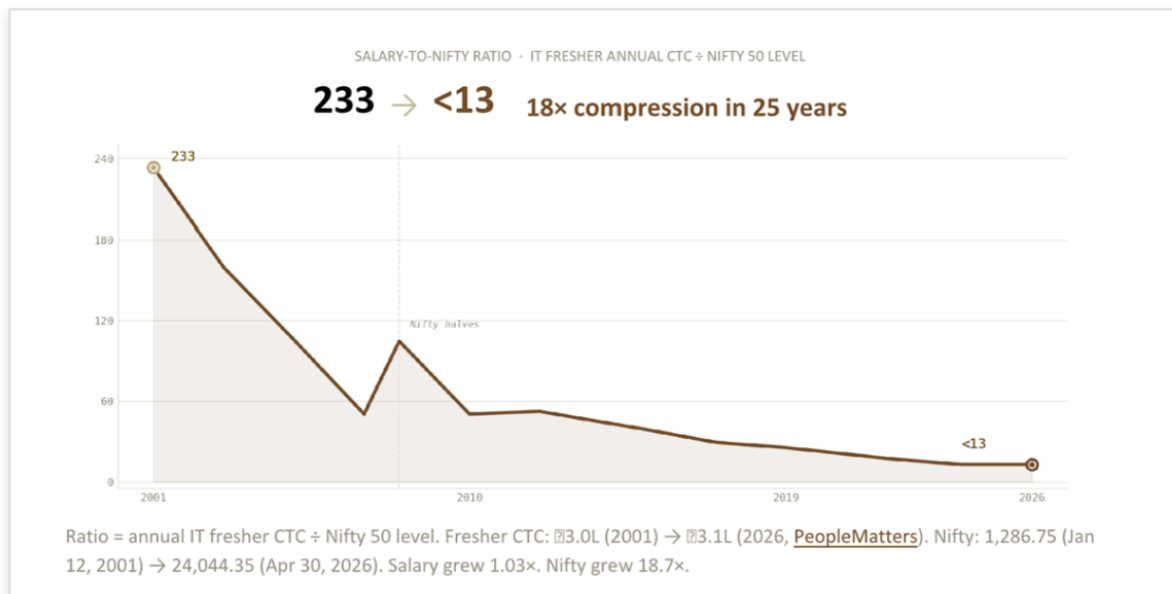
► The country is winning; the old trade isn't. **Buy the cash, not the story.**

Left: critical-technology leadership, 2003-07 vs 2021-25. Middle: combined market cap, \$tn, to Jun 2026. Illustrative.

India: The Ratio No One Cites

OUT OF CONSENSUS

The Main Street to Dalal Street Ratio — a fresher's IT salary ÷ the Nifty. The labour-side mirror of a price-to-income ratio.



► The index grew 18x. The wage barely moved. **A great economy — but ask who actually captured the gains.**

THANK YOU