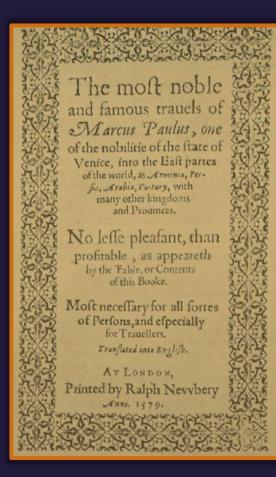
Ninety One



1492, 1789, 2020: Tales of Two Worlds?

Michael Power, Strategist April 2021

Christopher Columbus annotated his copy of Marco Polo's "*Travels*" with the words "*Mercacciones innumeras*" ("an incalculable amount of trade") before sailing not east but west seeking that sea-route to China and happening across a New World – the Americas – instead...

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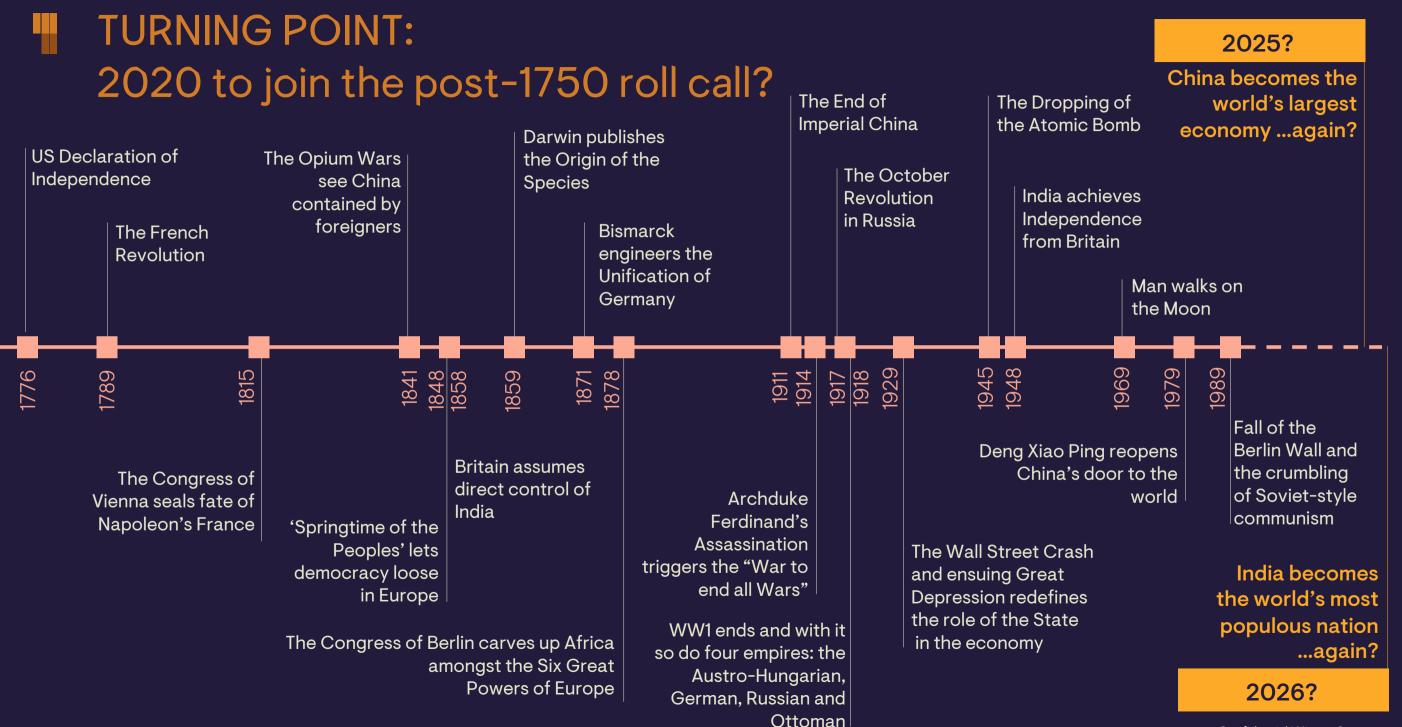




Like most of the great turning points in history, it was obvious and yet no one saw it coming.

- Mark Bowden

It was the worst of times



TURNING POINT DEFINED



The punctuation of the prevailing equilibrium

The 'consilience' or 'jumping together' of various underlying trends with a single crossfertilizing event often triggering their respective inflections simultaneously

The Opening Lines of Charles Dickens' 'The Tale of Two Cities'

It was the best of times. it was the worst of times. it was the age of wisdom, it was the age of foolishness, it was the epoch of belief, it was the epoch of incredulity, it was the season of light, it was the season of darkness. it was the spring of hope, it was the winter of despair, we had everything before us, we had nothing before us, we were all going direct to Heaven, we were all going direct the other way...



Dickens was writing of a major turning point in world history, 1789, the year of the French Revolution

A 'sonnet' capturing the themes of Ninety One's road map to 2030

It was the best of times,	The state of the world entering 2020
it was the worst of times,	
it was the age of wisdom,	How ballooning debt will eventually reveal MMT to be a false god
it was the age of foolishness,	
it was the epoch of belief,	How tech divides the 'run aheads' from the 'left behinds'
it was the epoch of incredulity,	
it was the season of light,	How renewable energy may avert catastrophic climate change
it was the season of darkness,	
it was the spring of hope,	How demographics haunt the West but bless Asia
it was the winter of despair,	
we had everything before us,	How Asia's economic rise will challenge the West's primacy
we had nothing before us,	
we were all going direct to Heaven,	The implications for portfolio construction and asset allocation
we were all going direct the other way	

Crystallization

It was the best of times

"Pandemics fast forward history"

Yuval Noah Harari

- 1. Pre-pandemic, the US's economic expansion was already boiling over...
- 2. ... as Western budget deficits grew faster than nominal GDPs...
- 3. ...driving Europe and Japan into the unorthodox arms of MMT...
- 4. 'Keynesianism-on-steroids' was already the Western norm...
- 5. ...where national debt mountains were being added to willy-nilly
- 6. Negative real and even nominal rates were poisoning the price of risk
- 7. China's GDP growth rate was slowing but replacing quantity with quality
- 8. The weight of rising consumption in Asia was being felt globally
- 9. Carbon was losing out to renewables as climate change fall-out grew
- 10. Digitalization was supercharging new tech... but also revealing its dark side
- 11. West vs. East demographics were defining their different economic futures
- 12. Liberal democracy was flailing: United States 52nd in the Freedom House Index

Nationalization

It was the age of wisdom

Compliant Central Banks...

ZIRP...

'Free' debt...

MMT...

- 1. State debt that subsidizes consumer demand grows sharply in the West
- 2. ...with COVID forcing the West to embrace MMT as 'there is no alternative'
- 3. Negative real interest rates fool governments into believing 'debt is free'...
- 4. ...even as zero-yielding government bonds poison the price of risk...
- 5. ...cause the zombification of industrial and service sector landscapes...
- 6. ...and force savers to retire on savings that yield almost no income...
- 7. 'If everyone does it then everyone can get away with it' logic prevails...
- 8. ...but 'Everyone' here refers to the West and Japan, largely excluding the East
- 9. Short-term wisdom will be revealed as longer-term foolishness
- 10. Eventually Western currencies will fall against Eastern ones...
- 11. ...risking imported inflation bleeding into Western price structures...
- 12. MMT will turn from saviour to villain, as illusory as a Magic Money Tree
- 13. "Socialism for the rich, capitalism for the rest": Ruchir Sharma

Lift-off

It was the epoch of belief

New tech makes things better for humanity...

...but not for all humans...

- 4th Industrial Revolution rhetoric creates breathless optimism in tech space...
- Taming **COVID** may dramatically advance medical research... mRNA...
- Yet breakthroughs can be both destructive and creative. Think Amazon...
- Yes, e-Commerce is revolutionary though China arguably leads here
- But employment in bricks-and-mortar retail is being crushed
- Automation and AI now destroying both blue AND white-collar jobs...
- ...with negative consequences in the political realm increasingly evident...
- ...as the 'left-behinds' join the 'never-caught-ups' and populism festers
- Tech's ultimate proof of worth is more productivity via higher median wages
- 10. Many breakthroughs coming via immigrants...
- ...BioNTech by German Turks; Moderna by a Canadian Maltese
- 12. China R&D spend now the world's largest: they have had their Sputnik Moment

Re-energised

It was the season of light

Climate emergency

Unlimited near 'free' energy...

Eclipse of carbon...

- Necessity is the mother of invention: climate change supercharges creativity
- Environmental degradation forcing mankind to address negative fall-out
- Deforestation drove COVID-infected bats to seek refuge in human habitats
- The true essence of the 4th Industrial Revolution is renewable energy
- Green Hope is now being realized as Green Profitability
- China leads in installed capacity, usage and manufacturing capabilities
- Oil, coal and in due course even gas will be 'de-emphasized'
- Whole industries being transformed, e.g. autos: China 60% of global EV sales
- Hydrogen power is a very real prospect; nuclear fission distinctly possible
- 10. China has revolutionized long distance electricity distribution
- Demand for key New Energy commodities is soaring

Life-cycle

It was the spring of hope

Elderly...

Lower growth...

Higher growth...

- Aging demographics in the West weighs heavily on its economic outlook
- Over 60's particularly impacted by COVID
- Western pension systems private and state increasingly underfunded
- Emergency monetary conditions have crushed interest rates...
- 5. ...meaning savings nest-eggs built on bonds are largely devoid of income
- 6. Health and medical R&D budgets increasingly directed towards the over 60s
- 7. Dependency ratios in the West rising, adding to the state's financing burden
- The contrast with much younger Asia could not be more stark...
- ...though Japanese Disease threatens China, Korea and Taiwan by 2030
- 10. Asia is entering its savings phase just as the West moves towards dissaving
- Consequences for financial markets both East and West will be profound
- 12. At the margin, the East will now be both the source and application of capital

Re-Orientation

Me had everything before us

Asia's future is bright...

...but the West's is besieged

- 1. The pandemic has hastened Asia's move centre-stage
- 2. ...with most of East Asia coping with **COVID** far better than the West...
- 3. ...meaning what would have happened by 2030 could happen by 2025
- 4. China 2035 aims to more than double its GDP per capital
- 5. Sputnik moment: China's R&D efforts redoubled after Huawei's exclusion
- 6. The rest of East Asia is centering itself upon China: RCEP trade zone
- 7. RCEP = 30% of global GDP 2020; 50% in 2030 (HSBC)
- 8. Asian consumption is driven by a fast rising, younger generation...
- 9. ...even as the West struggles with aging demographics...
- 10. ...political systems grappling with rights of the individual vs. the collective...
- 11. ...financial markets still reward financial engineering more than R&D spend...
- 12. ...and all this whilst Western surpluses available for redistribution are vanishing

Crossroads Me were all going direct to heaven

Middle ground 'fudge' is shrinking

Time for hard decisions

- 1. COVID is the catalyst crystallizing the five themes of our 2020s road-map
- 2. Global investment decision-making is at a turning point
- 3. Western investors need more globalized portfolios to meet targets
- 4. Home bias is an increasingly costly cop-out: risks do not match rewards
- 5. 'Zip' yield in the Age of ZIRP increasingly the norm in the West
- 6. 60/40 allocation models need to go global to work
- 7. Capital gain in the West only available at high price/high risk
- 8. Could currency replace fixed income as the "interest yielding" asset class?
- 9. For better returns, investors will need to take higher risks globally...
- 10. ...accessing Eastern growth driven by younger demographics
- 11. For this, currency management will become a key investment skill
- 12. Understanding comparative country risk will also be required
- 13. Avoiding China and the East Asian bloc will be an increasingly costly choice



- A tough decade faces the West with the **COVID** hangover difficult to shake off
- 2. US-China relationship is being recalibrated so reconfiguring global power dynamics
- 3. In the West, MMT and ever higher **debt** will become normal...until currency crises hit...
- 4. ...after which higher Western inflation almost certain, maybe with disinflation in the East
- 5. Inequality exacerbated by tech triggers a backlash from the 'left behinds'
- The demographic vice: middle-aged caught between young techies and old retirees
- Like pandemics, climate dictates its own agenda forcing mankind to take heed
- 8. Stock markets become a sea of liquidity full of sinking ships and surviving lifeboats...
- 9. WFH restructures the nature of society even redefining the role of cities
- 10. The focus of capital markets and currencies swings from West to East
- 11. China indeed Asia will become much weightier in capital market indices
- 12. The world will have to learn to 'speak Renminbi', perhaps even digitally

Room for optimism... but you must think globally

"Nothing that we do, is done in vain. I believe, with all my soul, that we shall see triumph." Charles Dickens, A Tale of Two Cities



The 1928 chance discovery of penicillin by Alexander Fleming was arguably the greatest medical advance of modern history

In 1492, Columbus sailed from Andalusia seeking the western sea route to Asia. In his diary, he wrote:

"Following the light of the sun, we left the Old World."



If Columbus departed today from San Francisco, sailing west towards Asia so seeking to fulfill his 1492 mission, he could write the same words...

Any questions?

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