



GORDON T LONG
CO-FOUNDER MATASII.COM



Advanced Technical Analysis



Gordon T Long
Global Macro Research |
Macro-Technical Analysis



Technical Analysis
Market Road Maps | HPTZ
Methodology



SII
Global Macro Research |
Market Road Maps

NOTE

Slides Are for discussion and educational purposes ONLY!

Do not Trade from Any of these Charts.

The participants are not giving investment advice nor should be construed as such

Always consult a professional investment advisor before making any investment decisions.

The content of this slide should not be considered investment advice of any sort, nor should it be used to make investment decisions. Use of this slide is considered to be your explicit acceptance of the Disclosure Statement and the Terms of Use found on the last page of this document.



THE BRICS and THEIR COMMODITY PRODUCERS

*THE CONTINUING SECULAR BULL
IN COMMODITIES*



AGENDA

- THE FIRST & SECOND ELLIOTT WAVES
 - WE FOREWARNED OF WAVE 1 IN 2020
 - WE FOREWARNED OF WAVE 2 IN 2022
- THE THIRD ELLIOTT WAVE AHEAD
 - STILL AHEAD BUT NOW TIME TO PLAN
- THE ADVANCING MULTI-POLAR WORLD
 - BRICS+ & MERC CARTELANTILISM
 - ANOTHER OPEC CARTEL
- SCARCITIES AND CHOKES POINTS
- CONCLUSIONS

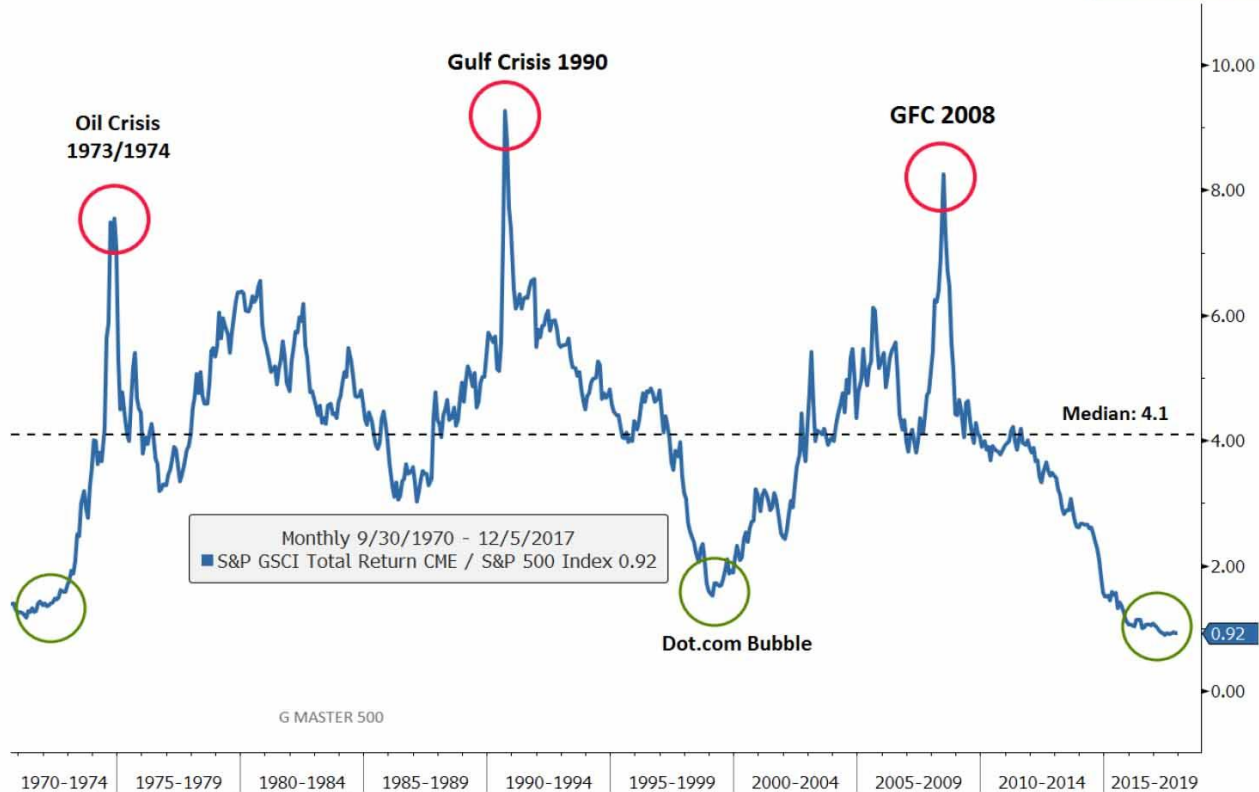


AGENDA

- **THE FIRST & SECOND ELLIOTT WAVES**
 - WE FOREWARNED OF WAVE 1 IN 2020
 - WE FOREWARNED OF WAVE 2 IN 2022
- **THE THIRD ELLIOTT WAVE AHEAD**
 - STILL AHEAD BUT NOW TIME TO PLAN
- **THE ADVANCING MULTI-POLAR WORLD**
 - BRICS+ & MERC CARTELANTILISM
 - ANOTHER OPEC CARTEL
- **SCARCITIES AND CHOKES POINTS**
- **CONCLUSIONS**



Equities vs. Commodities



Source: Dr. Toresten Dennin, Incrementum AG

SPGSCITR Index (S&P GSCI Total Return CME) GSCI/SPX Monthly 30SEP1970-05DEC2017

Copyright© 2017 Bloomberg Finance L.P.

05-Dec-2017 09:12:59

WILL 2021 BE THE YEAR OF HARD ASSETS?



STRATEGIC INVESTMENT INSIGHTS



COMMODITIES, AGRICULTURE & GRAINS

MACRO ANALYTICS: SOFT COMMODITY TIMING

Commodity Risk-Reward will soon be sought after as Momentum and Growth give way to Value During a potential 2021 Recession.

Realistically, how much bad news is left for commodities?

The Coronavirus is currently only adding to Commodity selling pressures.



PUBLISHED: 12/04/20

PUBLISHED: 12/24/20





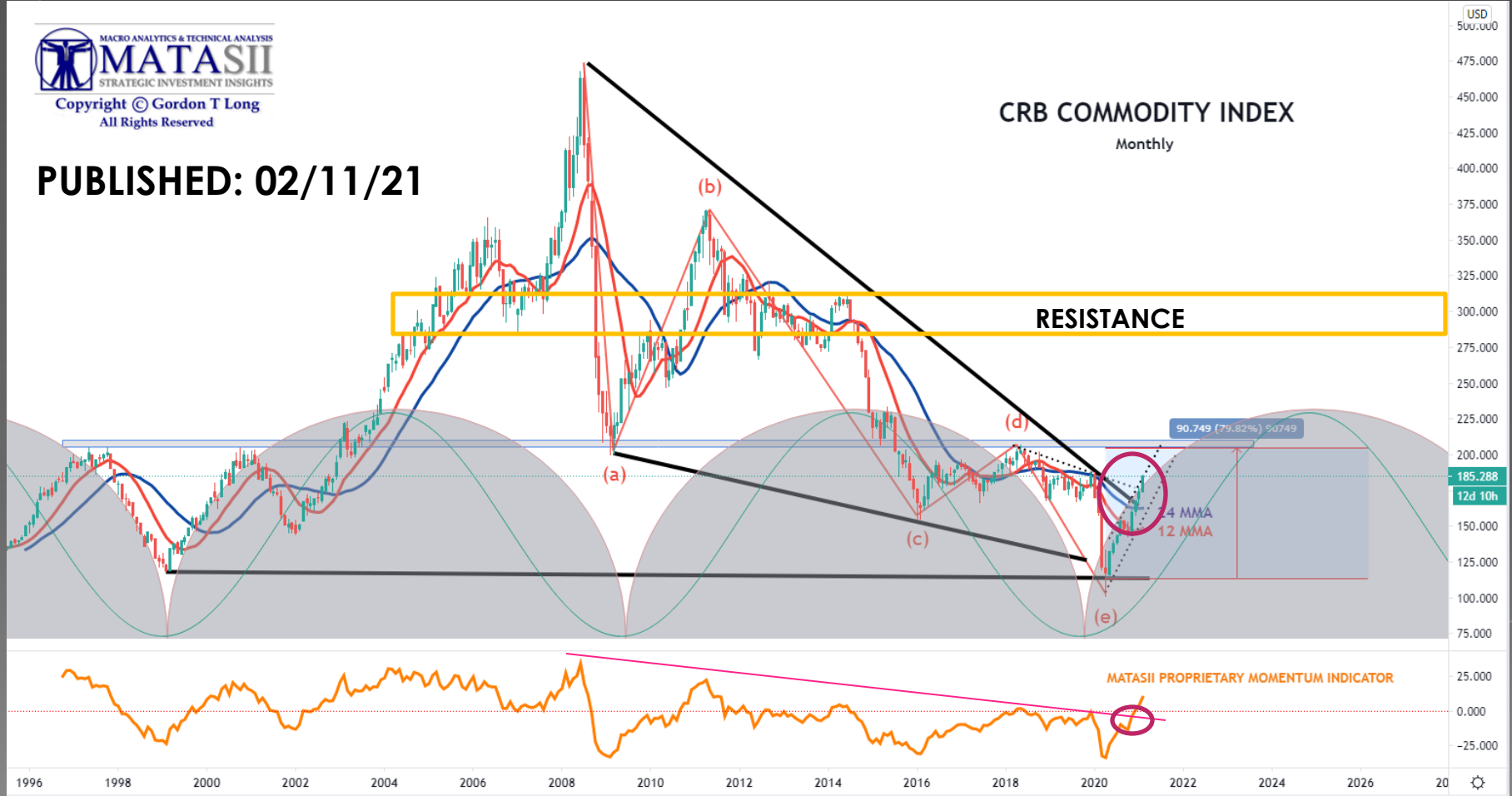
MACRO ANALYTICS & TECHNICAL ANALYSIS
MATASII
STRATEGIC INVESTMENT INSIGHTS

Copyright © Gordon T Long
All Rights Reserved

PUBLISHED: 02/11/21

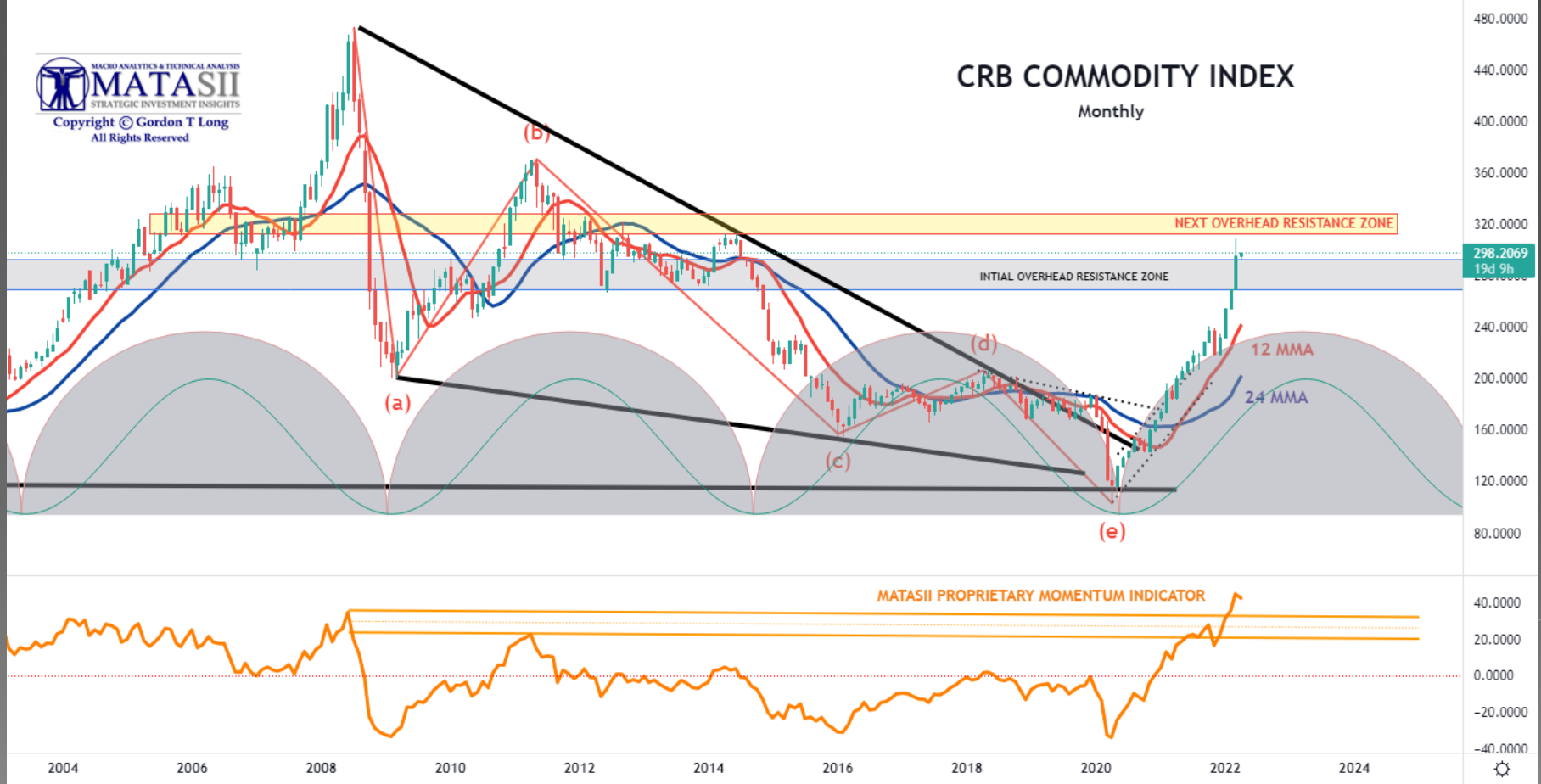
CRB COMMODITY INDEX

Monthly



CRB COMMODITY INDEX

Monthly



480.0000
440.0000
400.0000
360.0000
320.0000
298.2069
19d 9h
240.0000
200.0000
160.0000
120.0000
80.0000
40.0000
20.0000
0.0000
-20.0000
-40.0000



US CPI inflation

Twelve-month percentage changes

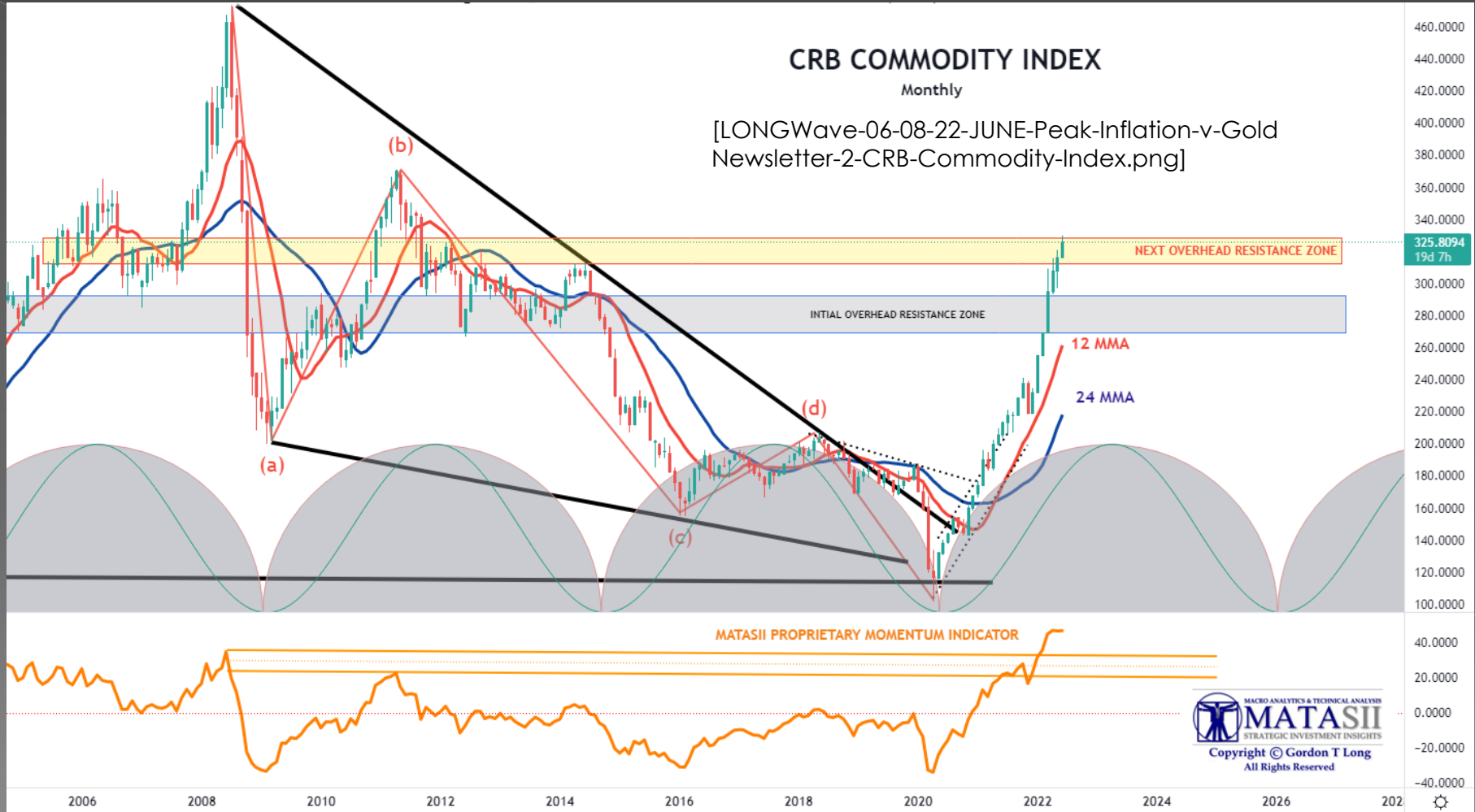
LONGWave – 06-08-22 - JUNE



CRB COMMODITY INDEX

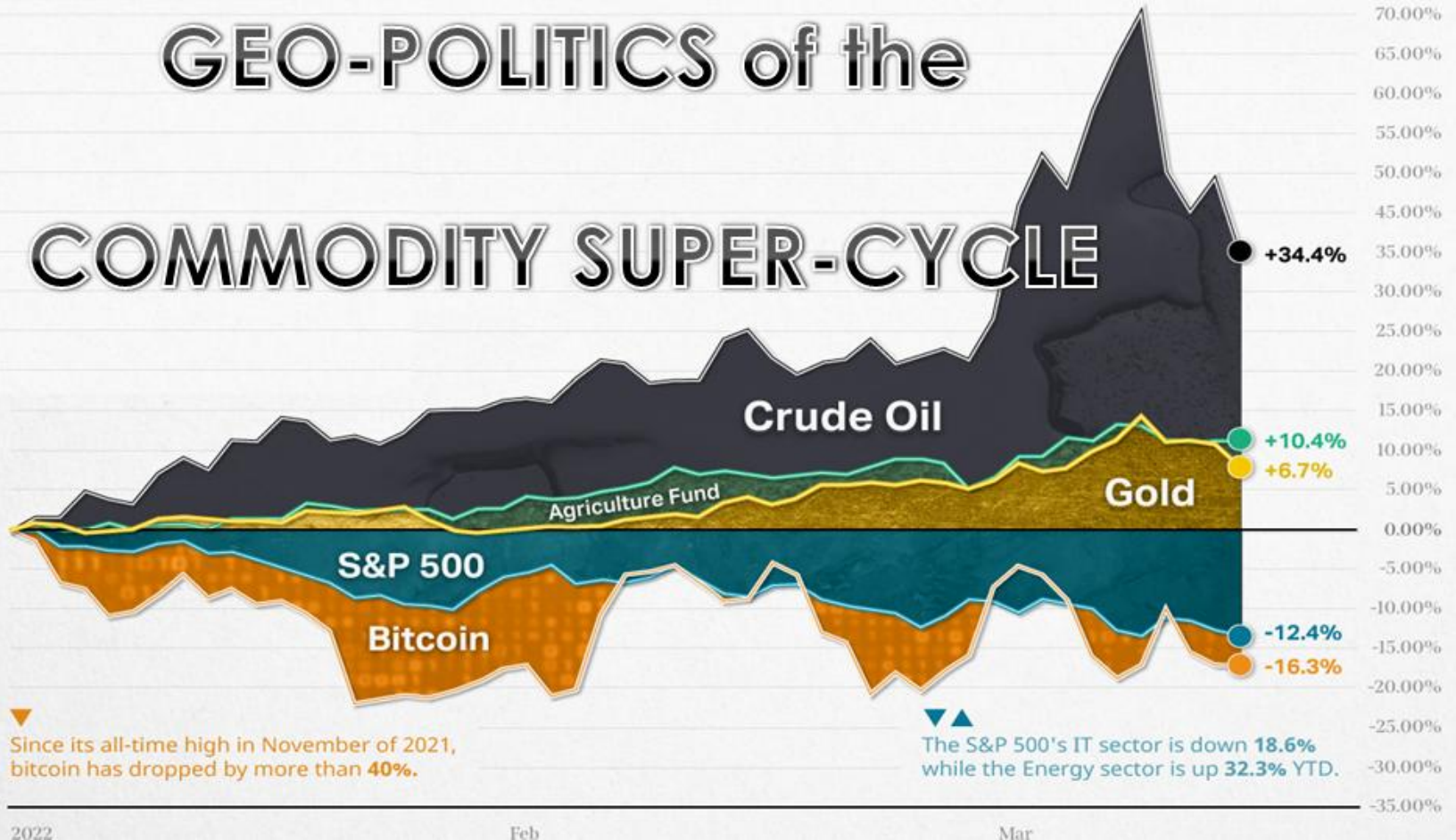
Monthly

[LONGWave-06-08-22-JUNE-Peak-Inflation-v-Gold
Newsletter-2-CRB-Commodity-Index.png]



GEO-POLITICS of the

COMMODITY SUPER-CYCLE



AGENDA

- THE FIRST & SECOND ELLIOTT WAVES

- WE FOREWARNED OF WAVE 1 IN 2020
- WE FOREWARNED OF WAVE 2 IN 2022

- THE THIRD ELLIOTT WAVE AHEAD

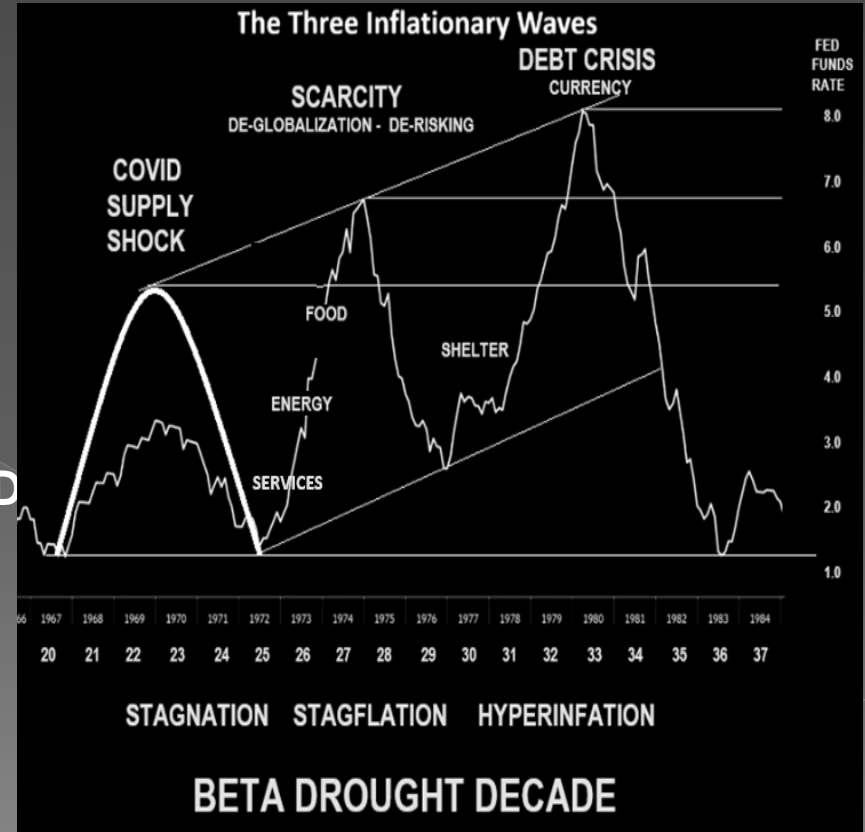
- STILL AHEAD BUT NOW TIME TO PLAN

- THE ADVANCING MULTI-POLAR WORLD

- BRICS+ & MERC CARTELANTILISM
- ANOTHER OPEC CARTEL

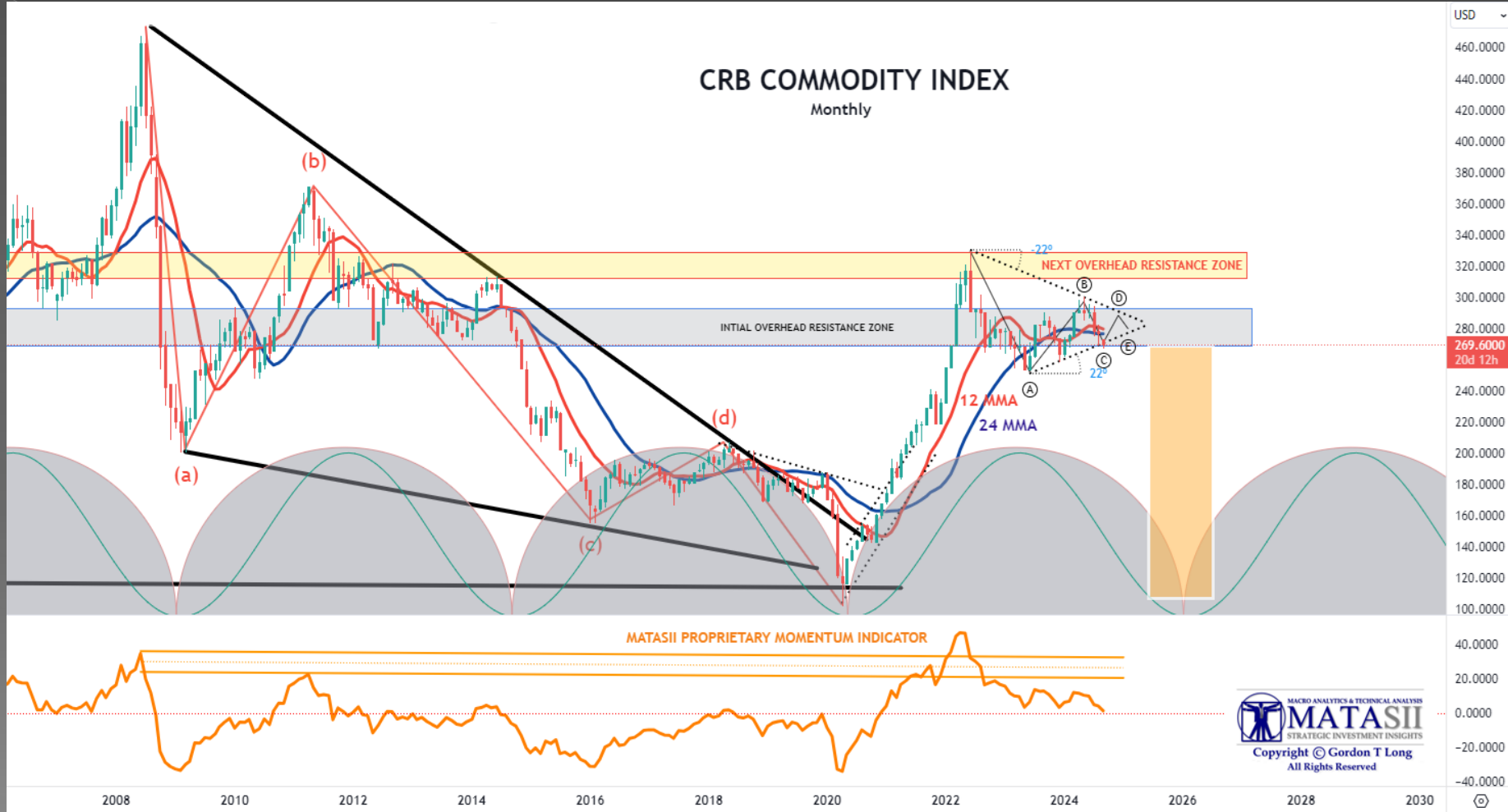
- SCARCITIES AND CHOKES POINTS

- CONCLUSIONS



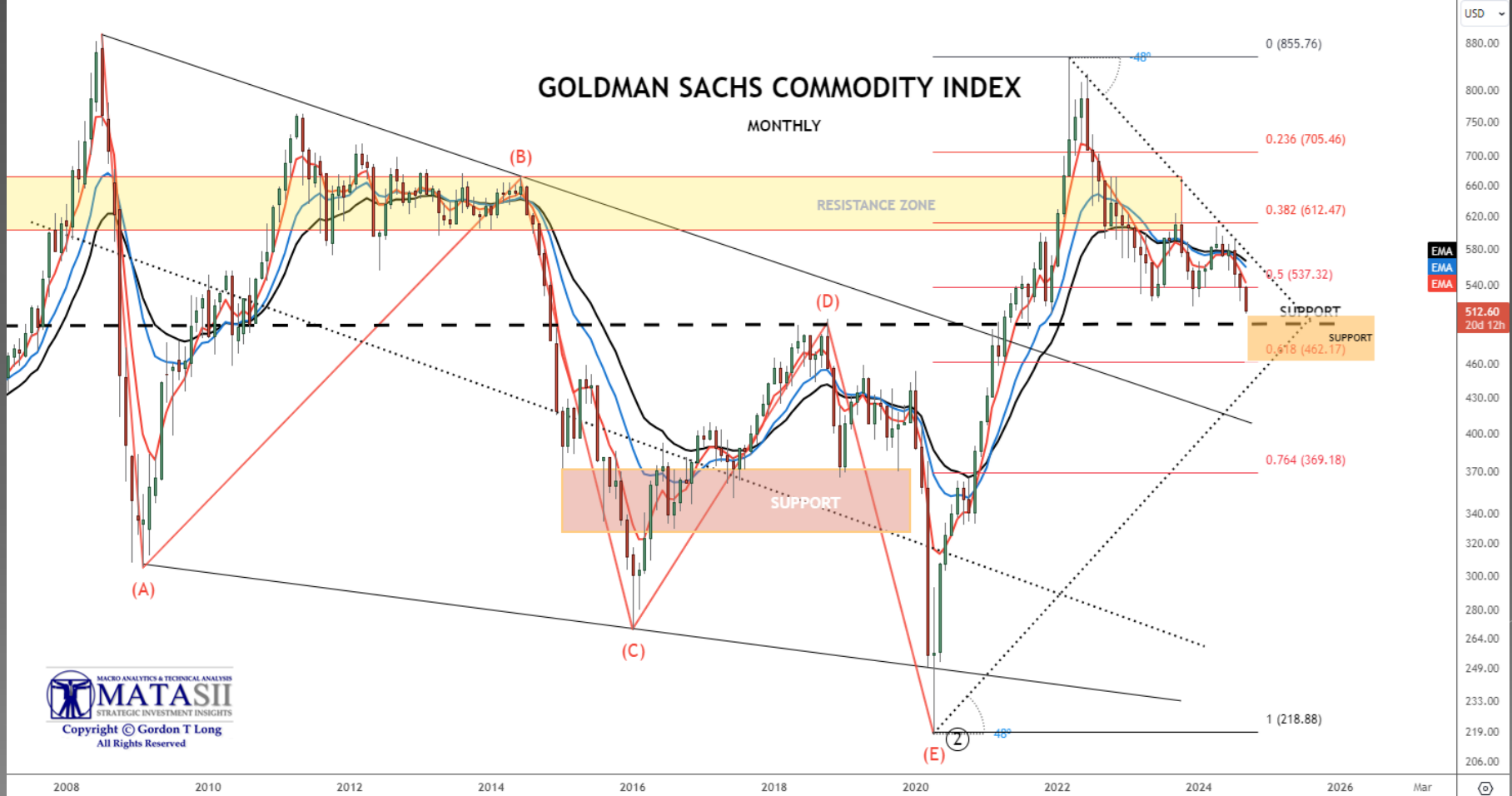
CRB COMMODITY INDEX

Monthly



GOLDMAN SACHS COMMODITY INDEX

MONTHLY



EMA	Value
EMA	512.60
EMA	20d 12h
EMA	206.00
EMA	219.00
EMA	233.00
EMA	249.00
EMA	264.00
EMA	280.00
EMA	296.00
EMA	312.00
EMA	328.00
EMA	344.00
EMA	360.00
EMA	376.00
EMA	392.00
EMA	408.00
EMA	424.00
EMA	440.00
EMA	456.00
EMA	472.00
EMA	488.00
EMA	504.00
EMA	520.00
EMA	536.00
EMA	552.00
EMA	568.00
EMA	584.00
EMA	600.00
EMA	616.00
EMA	632.00
EMA	648.00
EMA	664.00
EMA	680.00
EMA	696.00
EMA	712.00
EMA	728.00
EMA	744.00
EMA	760.00
EMA	776.00
EMA	792.00
EMA	808.00
EMA	824.00
EMA	840.00
EMA	856.00
EMA	872.00
EMA	888.00

Bloomberg Commodity Index

.BCOM:CME:Index and Options Market

Last | 7:42 AM EDT

94.03 ▼ **-0.20 (-0.21%)**

52 week range

92.42 - 1,496.35

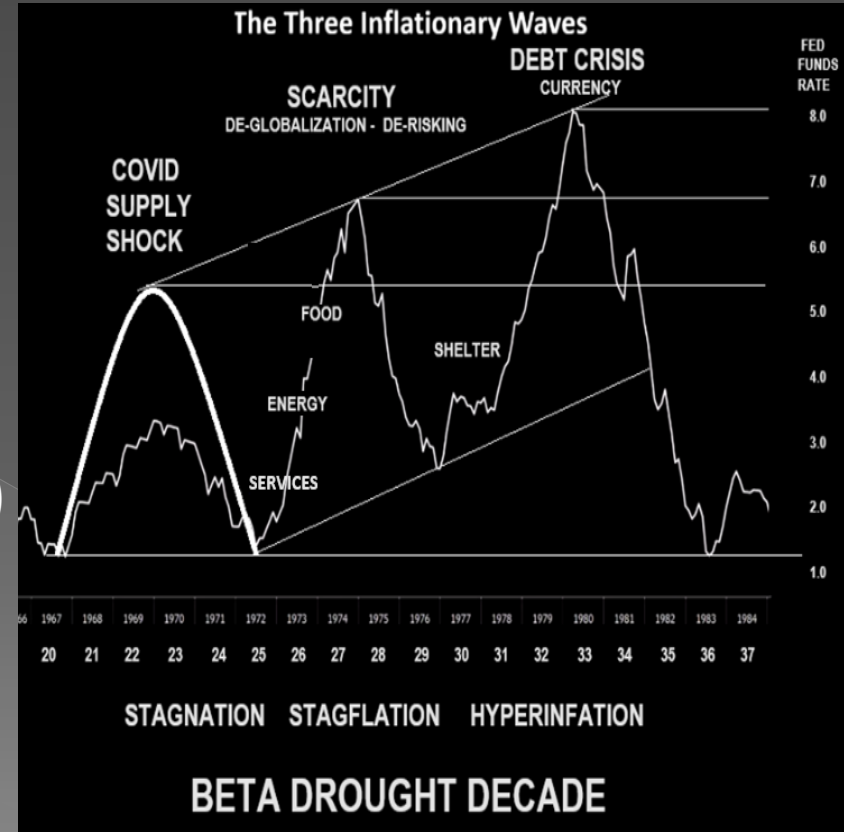


WAVE 2 is still ahead AND WILL BE ABOUT:

- Services (Skilled Wage Pressures)
- Import Costs (Tariffs)
- Energy (Regulatory Crippling of Utilities)
- Food (Shortage of Agricultural Land)

WAVE 3 is likely TO BE ABOUT:

- Shelter (Shortage and Property Tax Rates)
- US\$ Weakness (Currency Debasement)



Commodities vs. Inflation

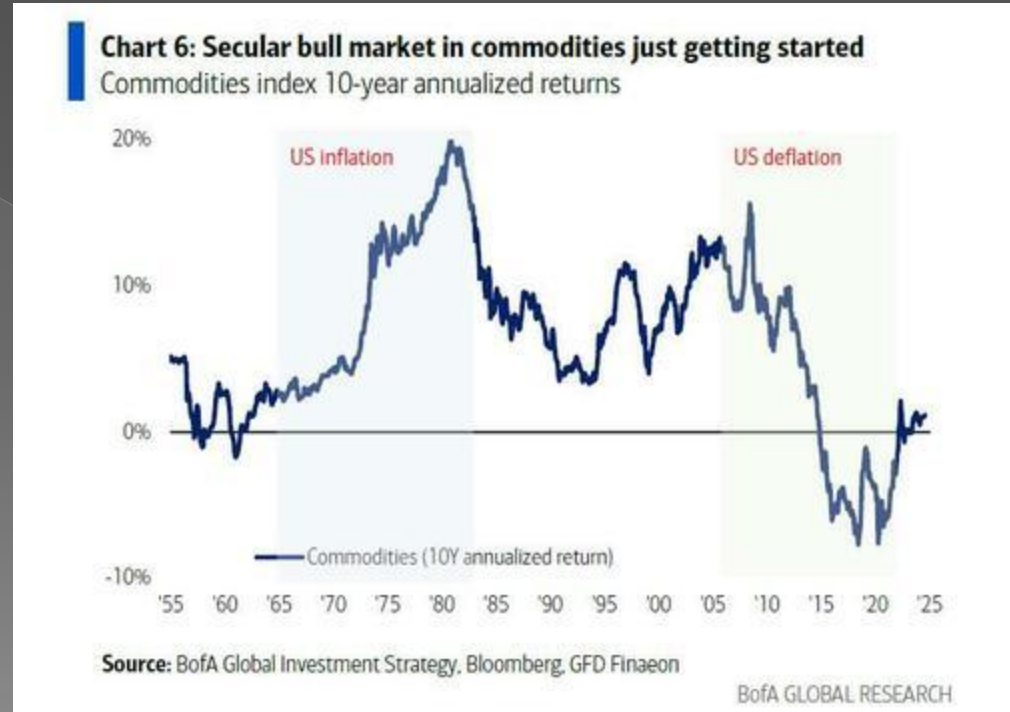


Source: Bloomberg; Tavi Costa

© 2024 Crescat Capital LLC

The BofA strategist notes

"that while most commodities appear to be in a secular bear market right now - once again largely thanks to China's economic slowdown - that is about to change: that's because the **secular commodity bull market in the 2020s (11% annualized returns) just getting started...**



... as Debt, Deficits, Demographics, Reverse-Globalization, AI and Net Zero policies all are INFLATIONARY!

This means that commodities are a better "40" than bonds in the 2020s for the 60/40 balanced portfolio, and sure enough, total returns over the past 4 years demonstrate that:

- 30yr UST -39% vs commodities +116%
- Commodity indexes annualizing 10-14% returns even amidst falling inflation,
- Dovish Fed vs. AGG just +6%.

The Asset Class Quilt of Total Returns

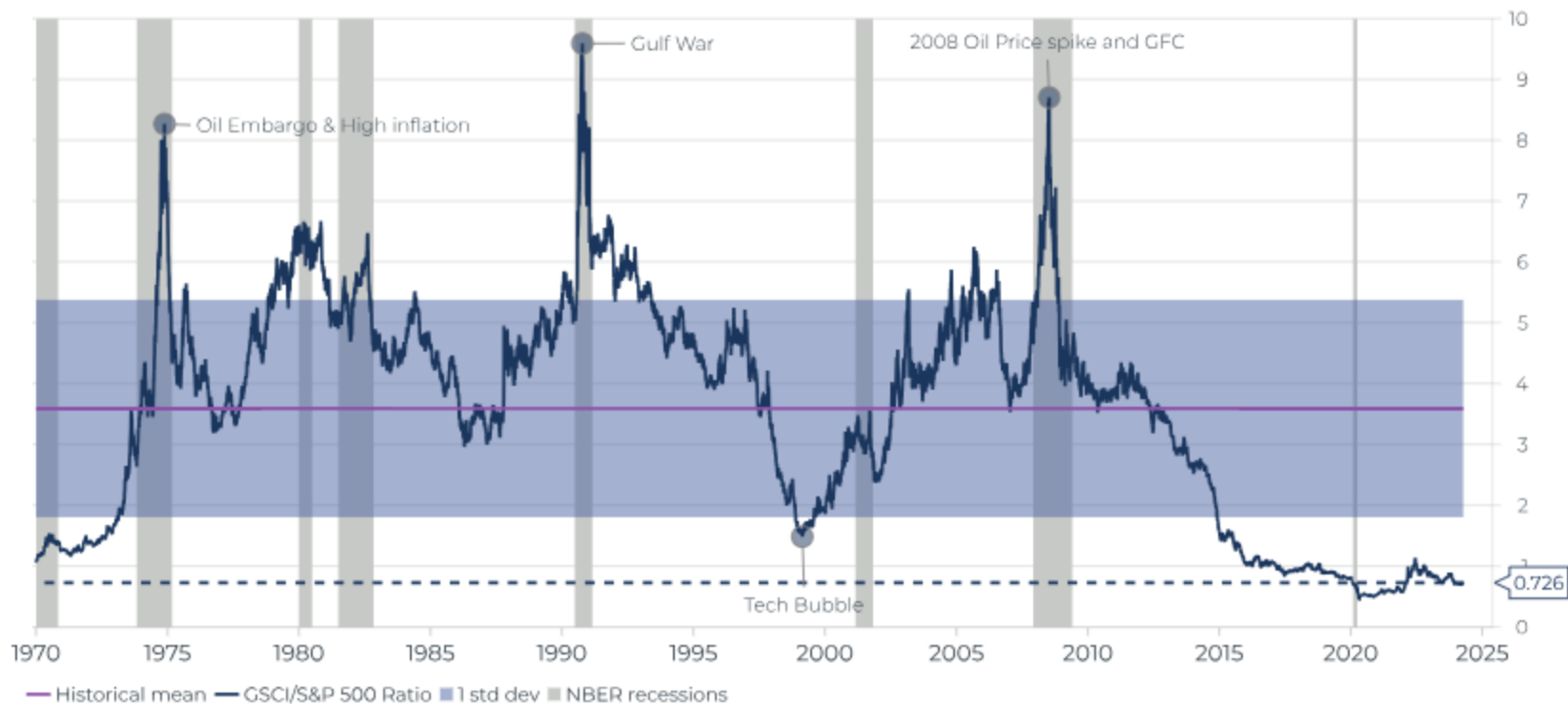
Chart 19: Historical asset class performance by year
Ranked cross asset returns by year since 2000

2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024*
Commodities 58.2%	US Treasuries 6.7%	Commodities 39.5%	MSCI EM 56.3%	REITS 32.0%	MSCI EM 34.5%	REITS 37.5%	MSCI EM 39.8%	US Treasuries 14.0%	MSCI EM 79.9%	Gold 29.2%	US Treasuries 9.8%	REITS 23.8%	S&P 500 32.4%	S&P 500 13.7%	S&P 500 1.4%	Commodities 17.5%	MSCI EM 37.8%	Cash 1.8%	S&P 500 31.5%	Gold 24.6%	Commodities 46.3%	Commodities 31.1%	S&P 500 26.3%	Gold 21.2%
US Treasuries 13.4%	Global IG 4.6%	Gold 25.6%	MSCI EAFE 39.2%	Commodities 28.7%	Commodities 33.7%	MSCI EM 32.6%	Commodities 33.0%	Gold 4.3%	Global HY 62.0%	MSCI EM 19.2%	Gold 8.9%	Global HY 19.3%	MSCI EAFE 23.3%	REITS 11.7%	US Treasuries 0.8%	Global HY 14.8%	MSCI EAFE 25.9%	US Treasuries 0.8%	REITS 27.4%	MSCI EM 18.8%	REITS 37.1%	Cash 1.5%	MSCI EAFE 18.9%	S&P 500 18.3%
REITS 8.5%	Cash 4.4%	Global IG 14.9%	REITS 33.5%	MSCI EM 26.9%	Gold 17.6%	MSCI EAFE 26.9%	Gold 31.9%	Cash 2.1%	MSCI EAFE 32.5%	REITS 15.9%	Global IG 4.5%	MSCI EM 18.6%	Global HY 8.0%	US Treasuries 6.0%	Cash 0.1%	S&P 500 12.0%	S&P 500 22.0%	Gold -1.9%	MSCI EAFE 22.8%	S&P 500 18.4%	S&P 500 28.7%	Gold -0.8%	Global HY 13.4%	MSCI EAFE 12.1%
Cash 6.2%	Global HY 3.1%	US Treasuries 11.6%	Commodities 30.1%	MSCI EAFE 20.7%	MSCI EAFE 14.0%	Gold 23.2%	MSCI EAFE 11.6%	Global IG -8.3%	REITS 31.7%	S&P 500 15.1%	Global HY 2.6%	MSCI EAFE 17.9%	REITS 0.7%	Global IG 3.2%	MSCI EAFE -0.8%	MSCI EM 11.2%	Gold 12.9%	Global HY -3.3%	Commodities 20.1%	Global IG 10.3%	MSCI EAFE 11.9%	US Treasuries -12.9%	Gold 12.7%	MSCI EM 9.5%
Global IG 3.1%	Gold -0.7%	Cash 1.6%	Global HY 30.7%	Global HY 12.4%	REITS 10.7%	S&P 500 15.6%	US Treasuries 9.1%	Global HY -27.9%	S&P 500 26.5%	Global HY 13.9%	S&P 500 2.1%	S&P 500 16.0%	Global IG 0.1%	Gold 0.1%	REITS -3.4%	Gold 8.6%	REITS 11.5%	Global IG -3.4%	MSCI EM 18.6%	MSCI EAFE 8.4%	Global HY 1.4%	Global HY -13.2%	REITS 11.3%	REITS 9.4%
Gold -5.4%	MSCI EM -2.4%	Global HY -1.1%	S&P 500 28.7%	S&P 500 10.9%	S&P 500 10.9%	Global HY 7.3%	Global IG 7.3%	S&P 500 -37.0%	Commodities 26.1%	Commodities 13.3%	Cash 0.1%	Global IG 11.1%	Cash 0.1%	Cash 0.0%	Global IG -3.8%	Global IG 4.3%	Global HY 10.2%	REITS -3.9%	Gold 17.9%	US Treasuries 8.2%	Cash 0.0%	MSCI EAFE 10.1%	Global HY 10.1%	Global HY 6.9%
Global HY -5.8%	REITS -7.8%	REITS -2.4%	Gold 19.9%	Global IG 9.4%	Cash 3.1%	Global IG 7.2%	S&P 500 5.9%	Commodities -42.6%	Gold 25.0%	MSCI EAFE 8.2%	Commodities -2.6%	Gold 8.3%	Commodities -2.1%	Global HY -0.1%	Global HY -4.2%	REITS 1.3%	Global IG 9.3%	S&P 500 -4.3%	Global HY 13.7%	Global HY 6.0%	MSCI EM -2.3%	Global IG -16.7%	Global IG 9.5%	Global IG 4.1%
S&P 500 -9.1%	S&P 500 -11.9%	MSCI EM -6.0%	Global IG 14.5%	Gold 4.6%	US Treasuries 2.8%	Cash 4.9%	Cash 5.0%	MSCI EAFE -43.1%	Global IG 19.2%	Global IG 6.0%	REITS -9.4%	US Treasuries 2.2%	MSCI EM -2.3%	MSCI EM -1.8%	Gold -10.4%	US Treasuries 1.1%	Commodities 7.6%	Commodities -13.1%	Global IG 11.4%	Cash 0.5%	US Treasuries -2.4%	S&P 500 -18.1%	Cash 5.1%	Cash 3.6%
MSCI EAFE -14.0%	MSCI EAFE -21.2%	MSCI EAFE -15.7%	US Treasuries 2.3%	US Treasuries 3.5%	Global HY 1.5%	US Treasuries 3.1%	Global HY 3.0%	REITS -50.2%	Cash 0.2%	US Treasuries 5.9%	MSCI EAFE -11.7%	Cash 0.1%	US Treasuries -3.3%	MSCI EAFE -4.5%	MSCI EM -14.9%	MSCI EAFE 1.0%	US Treasuries 2.4%	MSCI EAFE -13.2%	US Treasuries 7.0%	REITS -4.4%	Global IG -3.0%	MSCI EM -19.8%	US Treasuries 3.5%	US Treasuries 3.2%
MSCI EM -30.6%	Commodities -21.4%	S&P 500 -22.1%	Cash 1.1%	Cash 1.3%	Global IG -3.0%	Commodities -0.2%	REITS -10.0%	MSCI EM -53.2%	US Treasuries -3.7%	Cash 0.1%	MSCI EM -18.2%	Commodities -0.3%	Gold -27.3%	Commodities -29.3%	Commodities -28.4%	Cash 0.3%	Cash 0.8%	MSCI EM -14.3%	Cash 2.2%	Commodities -15.0%	Gold -4.1%	REITS -25.2%	Commodities -3.5%	Commodities 2.9%

Source: BofA Global Investment Strategy, Bloomberg. *2024 YTD

Commodities historically weak compared to S&P 500

Source: NBER (National Bureau of Economic Research), S&P Global



AGENDA

- THE FIRST & SECOND ELLIOTT WAVES
 - WE FOREWARNED OF WAVE 1 IN 2020
 - WE FOREWARNED OF WAVE 2 IN 2022
- THE THIRD ELLIOTT WAVE AHEAD
 - STILL AHEAD BUT NOW TIME TO PLAN
- THE ADVANCING MULTI-POLAR WORLD
 - BRICS+ & MERC CARTELANTILISM
 - ANOTHER OPEC CARTEL
- SCARCITIES AND CHOKES POINTS
- CONCLUSIONS



The background of the entire image is a dense, textured field of gold coins, likely 1 Euro coins, scattered and overlapping. The lighting creates highlights and shadows, giving the coins a three-dimensional appearance.

TECTONIC SHIFT: MERCANTILISM REVALUED!

wealth = power

THE CRACKS ARE JUST GETTING TOO BIG!

AGENDA

THE DAM HAS BROKEN

THE EVOLUTION OF MERCANTILISM

- PHASE I - IMPERIAL FEUDALISM,
- PHASE II - NEW WORLD MERCANTILISM,
- PHASE III - GLOBALIZATION,
- PHASE IV – REVALUED MERCANTILISM

“SOUTHERN COUNTRIES”

- COMMODITY DEPENDENT NATIONS,
- ORGANIZING STRUCTURES,

THE BELT & ROAD CONTROL

- FOLLOW THE MONEY

CONCLUSION

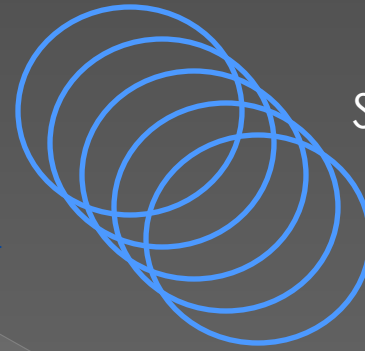
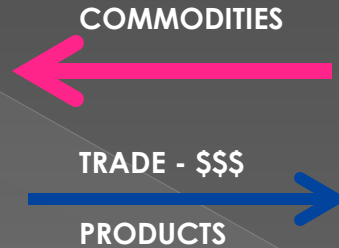


ERA OF 'REVALUED MERCANTILISM' IS BEGINNING

- Era of mercantilist economies succeeding by dumping excess production on the US is ending driven by Global Stagflation

1. The dependence on mercantilist exports for growth distorts the domestic economies of the mercantilist economies--Japan, China, S. Korea and Germany, to name the big ones,
2. Mercantilist Economies seek domestic growth at the expense of other economies by heavily subsidizing exports,
3. As global growth slows and cheaper competitors arise (Vietnam, Pakistan for clothing assembly, etc.) the mercantilist economies have nowhere to go but down, as they've optimized their economies via massive subsidies to rely on exports for growth,
4. Once global growth declines or cheaper competitors arise, then the path of decline is set. Japan is showing accumulated overseas wealth can support stagnation but neither S. Korea, China or other mercantilist economies have the same massive stock of wealth to tap to fund their stagnation.

PHASE IV – REVALUED MERCANTILISM – Post Covid



SOUTHERN NATIONS
“REVALUED”

- DE-GLOBALIZATION,
- DE-FINANCIALIZATION,
- RESHORING,

- COMMODITIES
- ORGANIZED – CHINA B&R LOANS**
 - Allocations,
 - Restrictions & Quotas,
- Commodities as Money & Collateral

ECONOMIC INDUSTRIALIZATION



COMMODITIES & MATERIALS REQUIRE EXTENSIVE ENERGY USAGE

Miners:	Heavy Extraction Equipment
Farmers:	Heavy Use of Equipment
Farmers:	Fertilizers

THE STRUCTURAL SHIFT TO COMMODITY CONTROL

ALIGNMENT OF GLOBAL COMMODITY SUPPLIERS

BRICS (*Brazil, Russia, India, China, South Africa*) have now reached a group of 17 countries. The BRICS work in close alliance with initiatives led by China which include:



1. **ROAD & BELT INITIATIVE:** As of January 2020, **138 countries** have signed on to the BRICS, ranging from Italy to Saudi Arabia to Cambodia.

2. **SHANGHAI COOPERATION**

ORGANIZATION: The Shanghai Cooperation Organization (SCO), also known as the Shanghai Pact, is an 8 nation transcontinental political, economic, security, and military alliance. In terms of geographic scope and population, it is the world's largest regional organization, covering approx. 60% of the area of Eurasia, 40% of the world population and more than 30% of global GDP. (Non BRICS members include: Kazakhstan, Kryrgyzstan, Pakistan, Tajikistan & Uzbekistan as well as additionally 4 Observer States, 6 Dialogue Partners and 4 Guest Attendee States. This totals 22 Central Asian nations.)

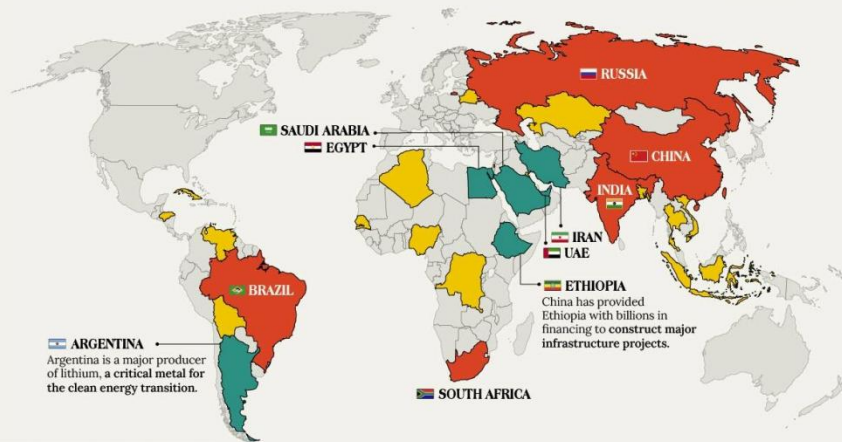
3. **AFRICAN TRADE AGREEMENTS:** China is now the largest trading partner of Africa. Bilateral trade agreements have been signed between China and 40 countries of the continent. In 2000, China Africa Trade amounted to \$10 billion and by 2014, it had grown to \$220 billion. Of these countries, China's government financing is the principal creditor of three countries: Congo-Brazzaville, Djibouti and Zambia. Between 2001 and 2018, China loaned approximately \$126 billion to African countries. Between 2001 and 2018, China invested **\$41 billion** in FDI. Beijing plans to invest over \$300 billion in Africa to increase African exports and help close the large trade gap with China.

The commonality is they are dominated by Commodity Export economies historically dependent on the US dollar for: i) pricing their export products and ii) (until the Financial Crisis) financing their economies.

VISUALIZING THE 2023 BRICS EXPANSION

BRICS, a bloc of developing countries formed in 2010, is set to welcome six new members at the beginning of 2024.

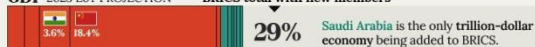
▲ Members ▲ New Members ▲ Applied for membership



SHARE OF GLOBAL

GDP 2023 EoY PROJECTION

BRICS total with new members



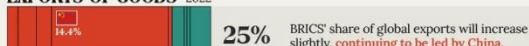
POPULATION 2023



OIL PRODUCTION 2022



EXPORTS OF GOODS* 2022



*Merchandise trade only.

Sources: IMF, World Population Review, EI Statistical Review of World Energy, World Trade Organization

visualcapitalist.com

We have approximately 138 countries, or 3/4 of all countries on the planet economically dependent on the export of commodities. In many ways they are still the feudal mercantile slaves of old through Western pricing.

Top Export (Category)	# of countries	% of countries
Fuel	53	28.3%
Metal, Mineral and Organic	50	26.7%
Food and Produce	35	18.7%

WEALTH CAN ONLY BE CREATED BY:

- | | | |
|----------------|---------------------|------------------|
| 1. Growing It | AGRICULTURE | SOFT COMMODITIES |
| 2. Mining It | MINING / EXTRACTION | HARD COMMODITIES |
| 3. Building It | PRODUCTION | MATERIALS |

IT CAN'T BE CREATED BY PRINTING IT!

“SOUTHERN COUNTRIES”

- COMMODITY DEPENDENT NATIONS,
- ORGANIZING STRUCTURES,



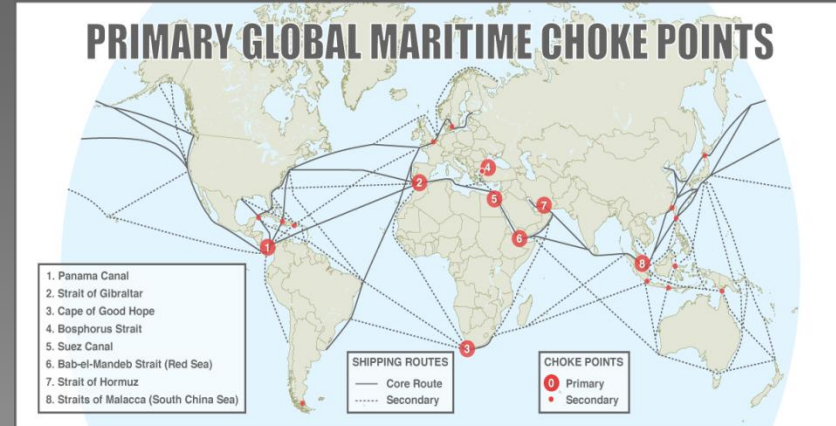
Figure 8a: BRI signatories by year of signing, 2013-2021



Source: AidData.

AGENDA

- THE FIRST & SECOND ELLIOTT WAVES
 - WE FOREWARNED OF WAVE 1 IN 2020
 - WE FOREWARNED OF WAVE 2 IN 2022
- THE THIRD ELLIOTT WAVE AHEAD
 - STILL AHEAD BUT NOW TIME TO PLAN
- THE ADVANCING MULTI-POLAR WORLD
 - BRICS+ & MERC CARTELANTILISM
 - ANOTHER OPEC CARTEL
- **SCARCITIES AND CHOKE POINTS**
- CONCLUSIONS



CHOKES POINTS

TRANSPORTATION ROUTES

STRATEGIC MINERALS

LIMITED SUPPLIERS

REGIME CHANGE

PRODUCTION LAGS

ENVIRONMENTAL REGULATIONS

WHICH COUNTRIES DOMINATE STRATEGIC MINERAL SUPPLY CHAINS?

Below, we compare the top three countries involved in the mining and processing of key clean energy transition materials, along with those with the highest global reserves.



All figures are estimated for 2022 and have been rounded. *U.S. lithium production is undisclosed.
Source: U.S. Geological Survey, Mineral Commodity Summaries 2023, IEA.

Expanding the global supply chain for minerals critical for the clean energy transition will require taking advantage of tailored and flexible financing.



Learn more at appiancapitaladvisory.com

APPIAN
CAPITAL
ADVISORY LLP

AGENDA

- THE FIRST & SECOND ELLIOTT WAVES
 - WE FOREWARNED OF WAVE 1 IN 2020
 - WE FOREWARNED OF WAVE 2 IN 2022
- THE THIRD ELLIOTT WAVE AHEAD
 - STILL AHEAD BUT NOW TIME TO PLAN
- THE ADVANCING MULTI-POLAR WORLD
 - BRICS+ & MERC CARTELANTILISM
 - ANOTHER OPEC CARTEL
- SCARCITIES AND CHOKES POINTS
- CONCLUSIONS

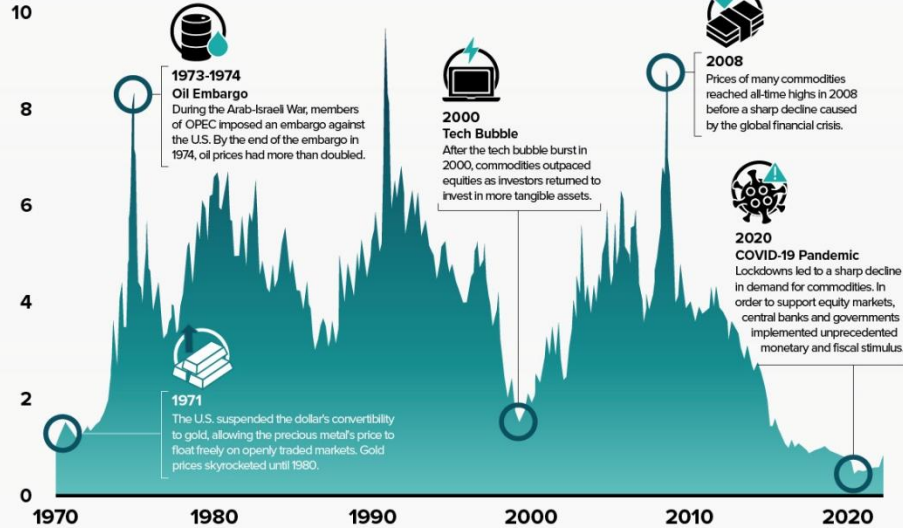


COMMODITIES vs EQUITY VALUATIONS

1970–2023

Recently, commodity prices reached a 50 year low relative to overall equity markets. In the past, when this ratio reached such levels, commodity supercycles began.

Ratio: GSCI Commodity Index vs. S&P 500 Index



1 Commodity supercycle
Extended periods during which commodity prices are well above their long-run trend.
Source: Bank of Canada



1973-1974
Oil Embargo
During the Arab-Israeli War, members of OPEC imposed an embargo against the U.S. By the end of the embargo in 1974, oil prices had more than doubled.



2000
Tech Bubble
After the tech bubble burst in 2000, commodities outpaced equities as investors returned to invest in more tangible assets.



2008
Prices of many commodities reached all-time highs in 2008 before a sharp decline caused by the global financial crisis.



2020
COVID-19 Pandemic
Lockdowns led to a sharp decline in demand for commodities. In order to support equity markets, central banks and governments implemented unprecedented monetary and fiscal stimulus.

Source: Incrementum AG, Crescat Capital LLC, Tavi Costa, Bank of England

ADMINISTRATIONS CHANGE – BUT THE PRINTING NEVER DOES ...

DON'T WORRY, THEY WILL PRINT THE MONEY!

EVERYONE IS NOW IN PLACE & READY!!



NOTE

Slides Are for discussion and educational purposes ONLY!

Do not Trade from Any of these Charts.

Gordon T Long is not giving investment advice nor should be construed as such

Always consult a professional investment advisor before making any investment decisions.

The content of this slide should not be considered investment advice of any sort, nor should it be used to make investment decisions. Use of this slide is considered to be your explicit acceptance of the Disclosure Statement and the Terms of Use found on the first and last frames of this video



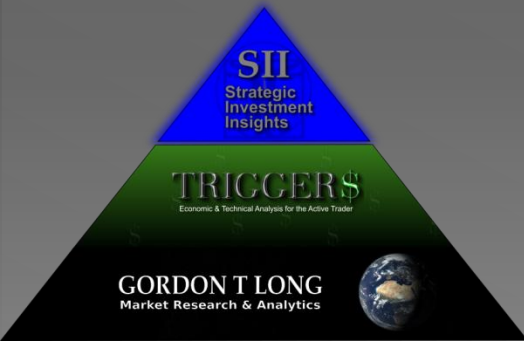
MACRO ANALYTICS & TECHNICAL ANALYSIS

MATASII

STRATEGIC INVESTMENT INSIGHTS

JOIN US AT MATASII.COM FOR MORE ON THIS TOPIC & MANY OTHERS

- Market Research
- Technical Analysis
- Strategic Investment Insights
- Macro Analytics
- Videos
- Tipping Points
- Synthesis & Analysis
- Watch Lists
- Real Time Charting
- Guest Interviews
- News Abstraction Process
- Feature Articles



WE WELCOME YOUR COMMENTS!

WE READ ALL COMMENTS FOR
FEEDBACK THAT WILL IMPROVE OUR
RESEARCH ANALYSIS



WORLD CLASS MINDS FOLLOW THIS
CHANNEL & WE VALUE HEARING
FROM YOU!

IT IS THE ONLY PAYMENT WE ACCEPT
FOR POSTING THIS FREE YOUTUBE
CONTENT