

2022 Technical Strategy

How to Deal With Castles in the Air

2022 Technical Strategy

How to Deal With Castles in the Air?

Mohamed Khedr CFTe, MFTA

Senior Technical Analyst T +202 3300 5721 mkhedr@egy.primegroup.org

Figure 3: Our top stock picks

Ticker	Upside	Downside
AMOC	57%	27%
CCAP	48%	20%
сомі	30%	20%
<u>EFIC</u>	24%	16%
<u>EKHO</u>	37%	14%
<u>EMFD</u>	33%	22%
<u>ESRS</u>	41%	15%
<u>FAIT</u>	30%	13%
<u>HELI</u>	63%	23%
<u>ISPH</u>	32%	15%
MNHD	40%	25%
PHDC	44%	17%
SUGR	36%	20%
SWDY	35%	14%

Source: Prime Research.

Figure 4: Other stock picks

_		•
Ticker	Upside	Downside
ADPC	73%	21%
ALUM	26%	17%
<u>AMIA</u>	23%	13%
<u>AREH</u>	90%	33%
<u>CERA</u>	37%	21%
<u>DAPH</u>	29%	18%
DSCW	31%	8%
<u>EDMB</u>	28%	15%
<u>EHDR</u>	58%	30%
<u>ELWA</u>	43%	25%
GGCC	46%	19%
GIHD	58%	21%
GOCO	77%	27%
<u>ICID</u>	53%	18%
<u>NEDA</u>	79%	19%
<u>UNIP</u>	57%	19%

Source: Prime Research.

The year 2021 was extraordinary for traders in general, more specifically for speculative traders. While many traders made fortunes trading highly-speculative stocks in the first 8-9 months of the year, other traders suffered as stock prices began to pare their earlier gains in the latter part of the year. Such a performance was a manifestation of the "Castles in the Air" theory which became popular in 1936 by the famous economist John Maynard Keynes. The theory looks for stock bubbles that occur when the stock price achieves unprecedented heights in a short period of time. Such a rally continues until the stock finally collapses like a bubble which grows fast then explodes.

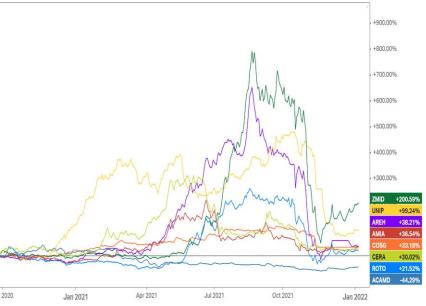
In this note, we present some examples of such castles, specifically those that have formed between 2020 and 2021, the most volatile period in terms of stock price gyrations on the EGX, be it violent rallies or sharp declines. We also showcase the track record of our technical calls which can be <u>downloaded here</u>. Last but not least, we present our top picks for the year 2022 along with other "high-risk" stock picks for speculative traders.

Figure 1: Summary track record of our technical calls

	Total number	% mix	nu
Total trades issued	107	100%	Total closed trades
Trades not triggered	11	10%	Winning trades
Open trades	10	9%	Losing trades
Closed trades	86	80%	Breakeven trades
			Return/risk ratio
			Maximum gain per trade
			Maximum loss per trade

Note: Performance from 1 January 2021 through 31 December 2021. Source: Prime Research.

Figure 2: A selected group of "castles in the air" that built up since 2020



Source: Koyfin.

Avg.

return

per trade 6.81%

14.11% (10.02%)

(23.80%)

nm 1.41 73.50%

Total

mber

86

26

% mix

70%

30%



Table of Contents

1. Phase I: Building Castles

- 1.1. Technical reasons for building castles
- 1.2. Exemplary patterns of castles
- 1.3. Positive impact of castles

2. Phase II: Collapsing Castles

- 2.1. Negative impact of castles
- 2.2. Tips for trading in volatile trends
- 2.3. Applying the tips (stocks to pick)
- 3. Our Top Picks for 2022
- 4. Conclusion

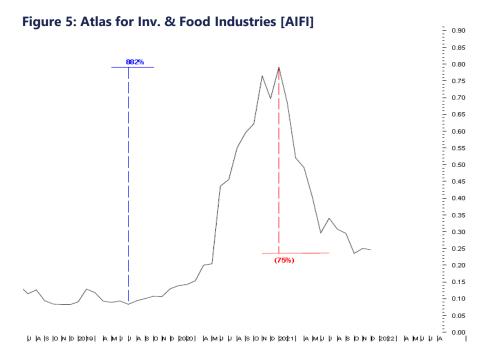


1. Phase I: Building Castles

1.1. Technical reasons for building castles

- 1.1.1. An imbalance of trade orders in one direction (e.g. all buys and no sells or vice versa) leads to volatile markets that are usually characterized by wide price fluctuations, which in turn is often exacerbated by margin trading.
- 1.1.2. The short selling mechanism, which should act as a balancing force, was not fully adopted on the ground. Indeed, many investors are not yet well acquainted with how to use short selling despite having been in place since 2019.

1.2. Exemplary patterns of castles



The monthly line chart above shows how AIFI soared 882% from its major support level of 0.0815 (trough formed in July 2019), hitting its major resistance level of 0.80 (peak formed in January 2021). Then, it dropped by 75% from the resistance level of 0.80 to the support level of 0.20 (trough formed in October 2021).

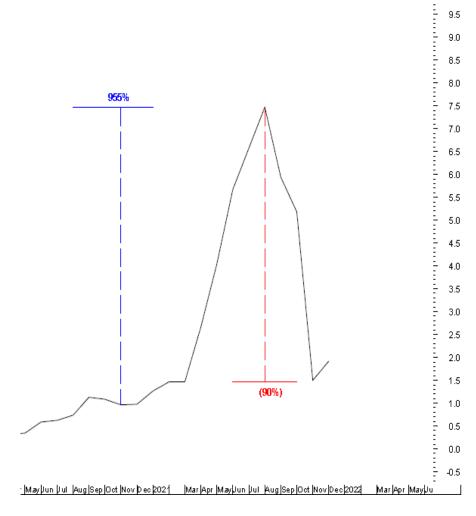
Figure 6: Statistics results for AIFI

Wave	Price Range	Date		% Range
No.	riice Kange	From	То	70 Kange
1	0.0815-0.80	Jul 2019	Jan 2021	882%
2	0.80-0.20	Jan 2021	Oct 2021	(75%)



1. Phase I: Building castles (cont.'d)

Figure 7: Real Estate Egyptian Consortium [AREH]



The monthly line chart above shows how AREH shot up 955% from its major support level of 0.90 (trough formed in November 2020), testing the major resistance level of 9.5 (peak formed in August 2021). Then, it tumbled 90% from the resistance level of 9.5 to the support level of 0.95 (trough formed in November 2021).

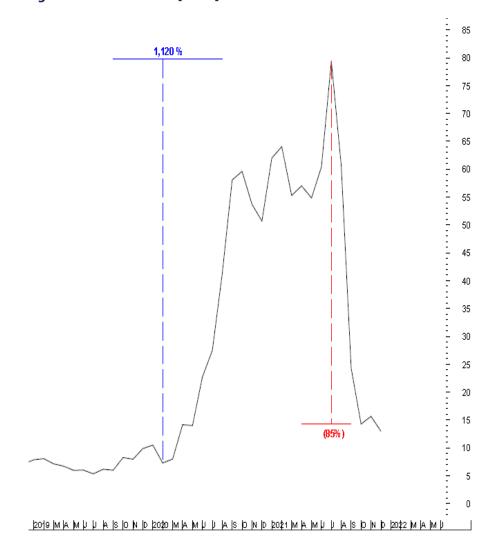
Figure 8: Statistics results for AREH

Wave	ve Price range Date			% shange
No.	Price range	From	То	% change
1	0.90-9.50	Nov 2020	Aug 2021	955%
2	9.50-0.95	Aug 2021	Nov 2021	(90%)



1. Phase I: Building castles (cont.'d)

Figure 9: Gulf Canadian [CCRS]



The monthly line chart above shows how CCRS skyrocketed up 1,120% from its major support level of 6.8 (trough formed in February 2020), reaching the major resistance level of 83 (peak formed in July 2021). Then, it fell 85% from the resistance level of 83 to the support level of 12.33 (trough formed in October 2021).

Fiugre 10: Statistics results for CCRS

Wave	Date Date			0/ abanas
No.	Price range	From	То	% change
1	6.80-83.00	Feb 2020	Jul 2021	1,120%
2	83.00-12.33	Jul 2021	Oct 2021	(85%)

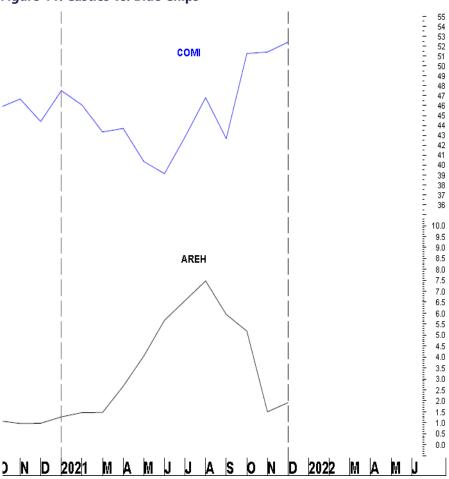


1. Phase I: Building castles (cont.'d)

1.3. Positive impact for castles

The building of such castles usually attracts many individual investors, lured by an unprecedented price boom in a short period of time. More generally, the comparison between the returns of such stocks to those of blue chips also stimulates interest from other investor segments, attracting new investors to the market.

Figure 11: Castles vs. Blue Chips



The chart above shows the great outperformance of **Egyptian Real Estate** Group [AREH] vs. CIB [COMI] from the beginning of 2021 until August 2021.

Figure 12: Statistics results for COMI vs. AREH

Tieles	ı	Date	Duine Danne	%
Ticker	From	То	Price Range	change
COMI	3 Jan 2021	25 Av. 2021	43.91-47.50	8%
AREH	3 Jan 2021	25 Aug 2021	0.93-9.50	922%
COMI	25.4 2024	24.11 2224	47.50-52.4	10%
AREH	25 Aug 2021	21 Nov 2021	9.50-0.95	(90%)



2. Phase II: Collapsing Castles

2.1. Negative impact of castles

2.1.1. There is *no* real trend (only noise trend)

It is well known that a bullish trend consists of a series of ascending troughs and peaks (i.e. higher lows and higher highs). This is in contrast to a bearish trend which consists of a series of descending tops and bottoms (i.e. lower highs and lower lows). On the other hand, forming these castles only requires two major waves. The first wave is bullish (a strong rally), and the second wave is bearish (a sharp decline), which we had called <u>previously</u> "a noise trend". We believe the main problem in this type of trend is the lack of continuous liquidity in the market, as cash begins to gradually leave the market once castles are built.

2.1.2. The stop-loss strategy does not usually work well

A stop-loss strategy is designed to limit an investor's loss on a security position, which is important an investor to avoid further losses. However, in reality, especially in this kind of trend (i.e. the noise trend), we believe the stop-loss strategy does *not* usually work well. We believe the main reason behind this is that when castles collapse, liquidity (i.e. buy orders) disappear. In addition, stocks are likely to fall as castles collapse with price gaps, which makes the stop-loss strategy ineffective and impractical.

The four charts below show price gaps and dried-up liquidity

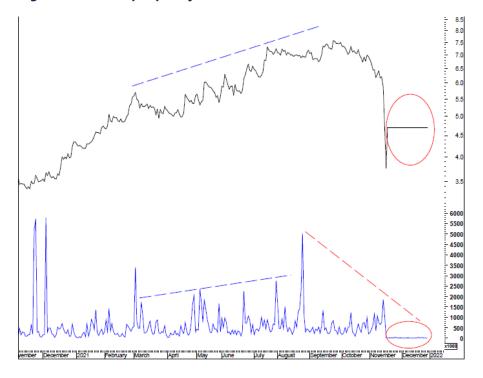




Real Estate Egyptian Consortium [**AREH**] saw a price gap of 36% starting from the level of 3.40 (the lowest on 3 November 2021) to the level of 2.19 (the opening price on 7 November 2021).



Figure 14: Dried up liquidity in COSG



Cairo Oils & Soap [**COSG**], which used to trade between 90,000 shares and 2,000,000 shares in any given session, saw its trading volume fall dramatically. COSG traded only 4,437 shares on 9 January 2022.

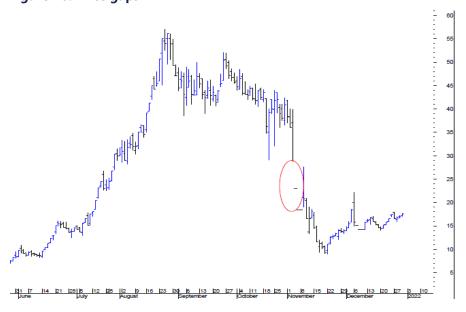
Figure 15: Price gaps in ROTO



Rowad Tourism [**ROTO**] saw a price gap of 36% starting from the level of 26.75 (the lowest on 3 November 2021) to the level of 17.12 (the opening price on 7 November 2021).



Figure 16: Price gaps in ZMID



Zahraa El-Maadi Investment [**ZMID**] experienced a price gap of 36% starting from the level of 28.80 (the lowest on 3 November 2021) to the level of 18.44 (the opening price on 7 November 2021).

2.2. Tips for trading in volatile trends

To minimize the negative impact of these castles (i.e. *no* real trend and the ineffectiveness of a stop-loss strategy), we list below a few tips:

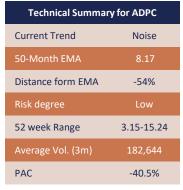
- Short-term traders have to determine the risks by measuring how far the entry price is from the 50-month Exponential Moving Average (EMA).
- 2. If the stock price rallied by 100% above the 50-month EMA, we would consider a "buy" strategy as "medium risk".
- 3. If the stock price rallied by 200% above the 50-month EMA, we would consider a "buy" strategy as "high risk".
- 4. If the stock price rallied by 500% above the 50-month EMA, we would consider a "buy" strategy as "very high risk".
- 5. On the other hand, if the stock price dropped by 20% below the 50-month EMA, we would consider a "sell" strategy as "high risk".
- 6. If the stock price dropped by 50% below the 50-month EMA, we would consider a "sell" strategy as "very high risk".

Note that these tips are only advisable for noise trends.

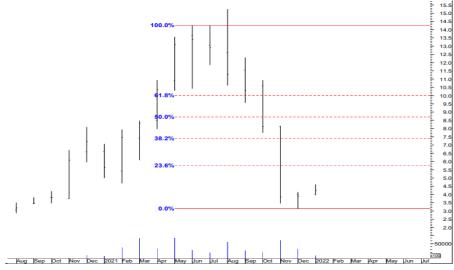


2.3. Applying the tips (stocks to pick)

Figure 17: The Arab Dairy Products Co. [ADPC]



Note: Please see Appendix for definitions.



Strategy	Last price	Entry Zone	Target zone	Stop Loss zone	Return/ Risk Ratio
Buy	4.25	4-3.50	6-7	3-2.70	3

Technical Summary for ALUM

Current Trend Noise

50-Month EMA 23

Distance form EMA 2.17%

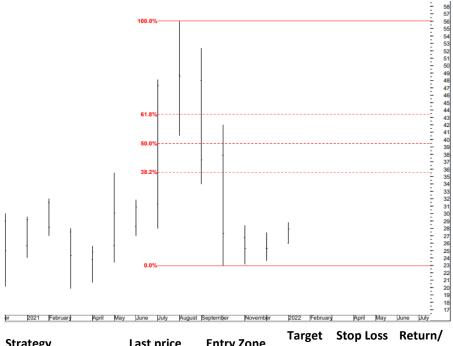
Risk degree Low

52 week Range 19.88-55.99

Average Vol. (3m) 20,040

PAC 6.3%

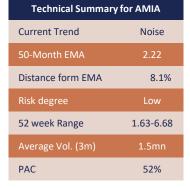
Figure 18: Arab Aluminum [ALUM]



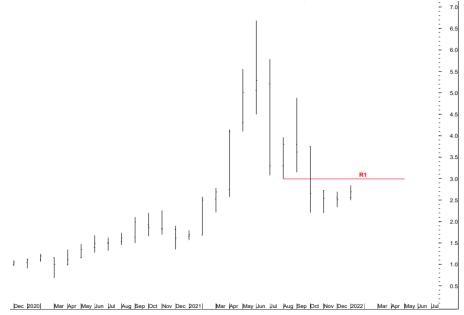
Strategy	Last price	Entry Zone	Target zone	Stop Loss zone	Return/ Risk Ratio
Buy	27.89	24-23	29-30	20-19	1.5



Figure 19: Arab Moltaqa Investments [AMIA]



Note: Please see Appendix for definitions.



Strategy	Last price	Entry Zone	Target zone	Stop Loss zone	Return/ Risk Ratio
Buy		2.5-2.3	2.9-3	2.2-2	1.8

Technical Summary for AREH

Current Trend Noise

50-Month EMA 1.67

Distance form EMA -13.1%

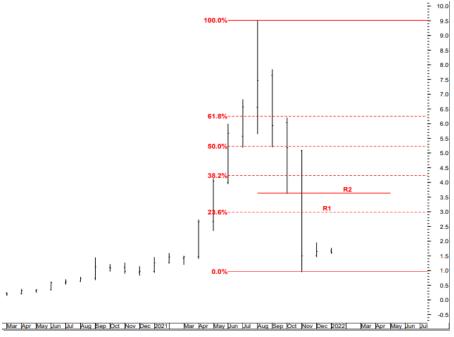
Risk degree Low

52 week Range 0.953-9.5

Average Vol. (3m) 15.7mn

PAC 71%

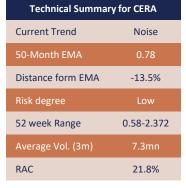
Figure 20: Real Estate Egyptian Consortium [AREH]



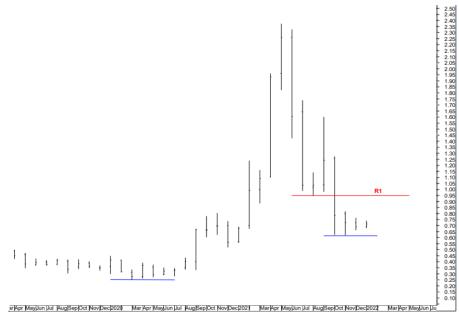
Strategy	Last price	Entry Zone	Target zone	Stop Loss zone	Return/ Risk Ratio
Buy	1.608	1.6-1.3	2.5-3	1.05-0.9	2.7



Figure 21: Ceramica Remas [CERA]



Note: Please see $\underline{\mathsf{Appendix}}$ for definitions.



Strategy	Last price	Entry Zone	Target zone	Stop Loss zone	Return/ Risk Ratio
Buy	0.714	0.7-0.65	0.9-0.95	0.55-0.52	1.8

Technical Summary for DAPH

Current Trend Noise

50-Month EMA 15.52

Distance form EMA 9.5%

Risk degree Low

52 week Range 10.5-48.23

Average Vol. (3m) 89,961

Note: Please see $\underline{\mathsf{Appendix}}$ for definitions.

26.7%

PAC

Figure 22: Dev. & Engineering Consultancies [DAPH]



Strategy	Last price	Entry Zone	Target zone	Stop Loss zone	Return/ Risk Ratio
Buy	19.64	18-16	21-23	15-13	1.7



Technical Summary for DSCW

Current Trend Noise

50-Month EMA 1.53

Distance form EMA -52.6%

Risk degree Low

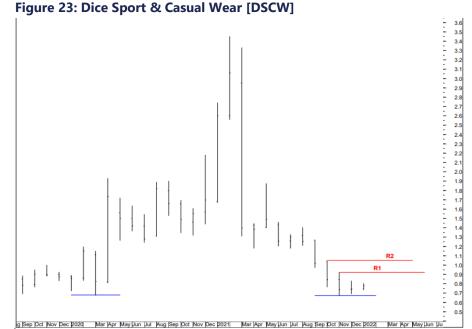
52 week Range 0.67-3.45

Average Vol. (3m) 4.9mn

Note: Please see Appendix for definitions.

-55.8%

PAC



Strategy	Last price	Entry Zone	Target zone	Stop Loss zone	Return/ Risk Ratio
Buy	0.778	0.75-0.7	0.9-1	0.68-0.65	3.8

Technical Summary for EDBM

Current Trend Noise

50-Month EMA 0.504

Distance form EMA -5.8%

Risk degree Low

52 week Range 0.306-1.13

Average Vol. (3m) 32mn

PAC -63%

Figure 24: Egyptian for Developing Building [EDBM]



Strategy	Last price	Entry Zone	Target zone	Stop Loss zone	Return/ Risk Ratio
Buy	0.383	0.39-0.35	0.45-0.5	0.33-0.3	1.9



Technical Summary for EHDR

Current Trend Noise

50-Month EMA 0.534

Distance form EMA -26%

Risk degree Low

52 week Range 0.39-1.273

Note: Please see Appendix for definitions.

-57.5%

PAC



Strategy	Last price	Entry Zone	Target zone	Stop Loss zone	Return/ Risk Ratio
Buy	0.455	0.40-0.39	0.60-0.65	0.3-0.25	1.9

Technical Summary for ELWA					
Current Trend	Noise				
50-Month EMA	1.027				
Distance form EMA	-38.6%				
Risk degree	Low				
52 week Range	0.58-1.71				
Average Vol. (3m)	8.3mn				
PAC	-59.8%				

Figure 26: El-Wadi for Touristic Investments [ELWA]



Strategy	Last price	Entry Zone	Target zone	Stop Loss zone	Return/ Risk Ratio
Buy	0.701	0.66-0.60	0.85-0.95	0.5-0.45	1.7

Current Trend

50-Month EMA

PAC



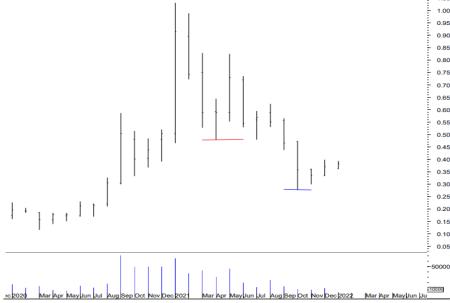
2. Phase II: Collapsing castles (cont.'d)

Figure 27: Giza General Contracting [GGCC] **Technical Summary for GGCC** Noise

Distance form EMA -11.4% 52 week Range 0.277-1.03

Note: Please see Appendix for definitions.

-26.6%



Strategy	Last price	Entry Zone	Target zone	Stop Loss zone	Return/ Risk Ratio
Buy	0.382	0.35-0.3	0.45-0.5	0.28-0.25	2.5

Current Trend Noise 50-Month EMA Distance form EMA 2% Risk degree 52 week Range 10-50.39

Technical Summary for GIHD

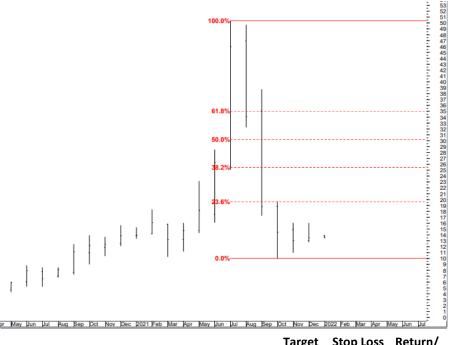
Note: Please see Appendix for definitions.

PAC

41,208

-1.4%

Figure 28: Gharbia Islamic Housing Development [GIHD]



Strategy	Last price	Entry Zone	Target zone	Stop Loss zone	Return/ Risk Ratio
Buy	13.53	13-11	18-20	10-9	2.8

Current Trend

50-Month EMA

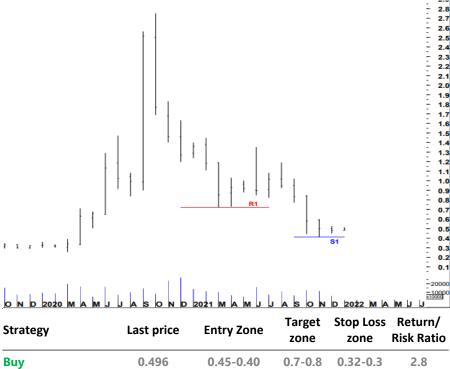


2. Phase II: Collapsing castles (cont.'d)

Figure 29: Golden Coast [GOCO] **Technical Summary for GOCO** Noise -44.7%

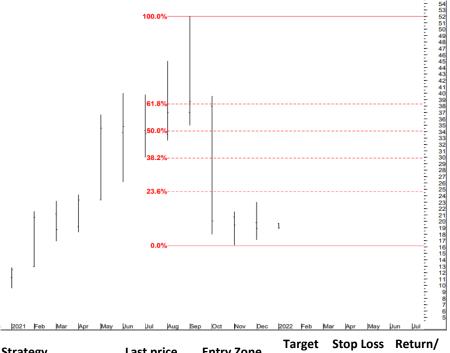
Distance form EMA 52 week Range 0.412-1.447

PAC -62.8% Note: Please see Appendix for definitions.



Technical Summary for ICID					
Current Trend	Noise				
50-Month EMA	15.32				
Distance form EMA	11%				
Risk degree	Low				
52 week Range	9.59-51.99				
Average Vol. (3m)	84,251				
PAC	68.9%				

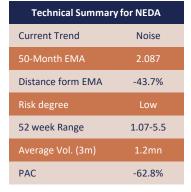
Figure 30: International Co. for Investment [ICID]



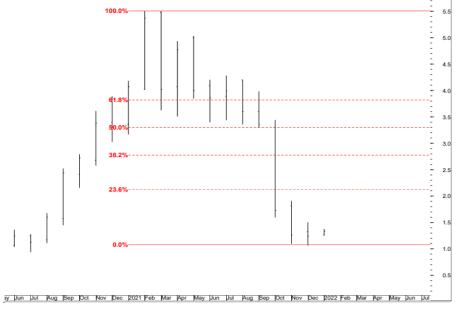
Strategy	Last price	Entry Zone	Target zone	Stop Loss zone	Return/ Risk Ratio
Buy	19	18-16	25-27	15-13	3



Figure 31: Northern Upper Egypt Development [NEDA]



Note: Please see $\underline{\mathsf{Appendix}}$ for definitions.



Strategy	Last price	Entry Zone	Target zone	Stop Loss zone	Return/ Risk Ratio
Buy	1.33	1.25-1.1	1.9-2.3	1-0.9	4.1

Technical Summary for UNIP

Current Trend Noise

50-Month EMA 0.626

Distance form EMA -16.1%

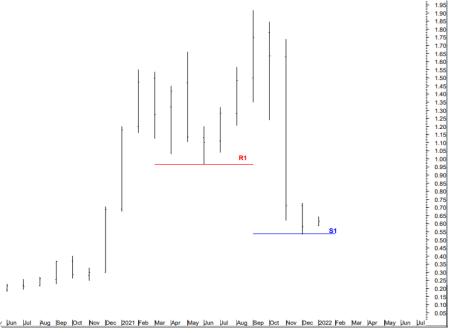
Risk degree Low

52 week Range 0.535-1.92

Average Vol. (3m) 4.6mn

PAC -15.8%

Figure 32: Unipack [UNIP]

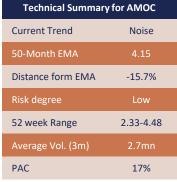


Strategy	Last price	Entry Zone	Target zone	Stop Loss zone	Return/ Risk Ratio
Buy	0.615	0.55-0.5	0.75-0.9	0.45-0.4	3



3. Our Top Picks for 2022

Figure 33: Alexandria Mineral Oils [AMOC]



Note: Please see Appendix for definitions.



Strategy	Last price	Entry Zone	Target zone	Stop Loss zone	Return/ Risk Ratio
Buy	3.84	3.7-3.3	5-6	2.8-2.3	2.1

Technical Summary for CCAP

Current Trend Bearish

50-Month EMA 1.83

Distance form EMA -.37.2%

Risk degree Low

52 week Range 1.09-1.649

Note: Please see Appendix for definitions.

-16.5%

PAC

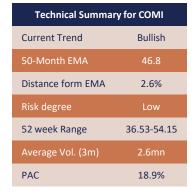
Figure 34: Qalaa Holdings [CCAP]



Strategy	Last price	Entry Zone	Target zone	Stop Loss zone	Return/ Risk Ratio
Buy	1.255	1.2-1.1	1.6-1.8	1.05-0.8	2.4



Figure 35: Commercial International Bank [COMI]



Note: Please see Appendix for definitions.



Strategy	Last price	Entry Zone	Target zone	Stop Loss zone	Return/ Risk Ratio
Buy	52.66	50-46	60-65	41-36	1.5

Technical Summary for EFIC

Current Trend Noise

50-Month EMA 11.63

Distance form EMA 7.5%

Risk degree Low

52 week Range 9.6-15.9

Average Vol. (3m) 120,308

PAC 11.12%

Figure 36: Egyptian Financial & Industrials [EFIC]



Strategy	Last price	Entry Zone	Target zone	Stop Loss zone	Return/ Risk Ratio
Buy	13.48	13-12	15-16	11-10	1.5



Technical Summary for EKHO

Current Trend Bullish

50-Month EMA 1.107

Distance form EMA 10.7%

Risk degree Low

52 week Range 0.909-1.49

Average Vol. (3m) 519,701

PAC 29.4%

Note: Please see Appendix for definitions.



Strategy	Last price	Entry Zone	Target zone	Stop Loss zone	Return/ Risk Ratio
Buy	1.41	1.30-1.15	1.55-1.8	1.1-1	2.6

Technical Summary for EMFD

Current Trend Noise

50-Month EMA 2.72

Distance form EMA 2%

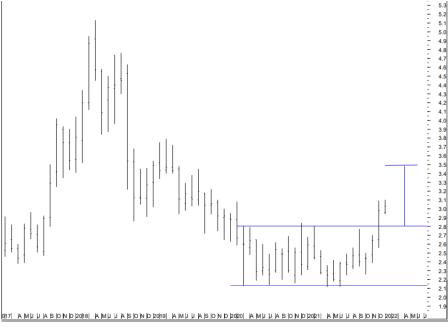
Risk degree Low

52 week Range 2.12-3.09

Average Vol. (3m) 2.5mn

PAC 26.8%

Figure 38: Emaar Misr for Development [EMFD]



Strategy	Last price	Entry Zone	Target zone	Stop Loss zone	Return/ Risk Ratio
Buy	3.03	2.85-2.7	3.4-4	2.25-2.1	1.5



Figure 39: Ezz Steel [ESRS]

Technical Summary for ESRS

Current Trend Noise

50-Month EMA 12.6

Distance form EMA 7%

Risk degree Low

52 week Range 8.55-16.75

Average Vol. (3m) 2mn

PAC 37.6%

Note: Please see Appendix for definitions.

	49 447 465 444 433 337 365 334 332 227 226 227 221 221 221 221 221 221 221 221 221
	14 13 12 11 10 9 8 7 6

Strategy	Last price	Entry Zone	Target zone	Stop Loss zone	Return/ Risk Ratio
Buy	14.38	14-13	18-20	12-11	2.8

Technical Summary for FAIT

Current Trend Noise

50-Month EMA 11.9

Distance form EMA 13.4%

Risk degree Low

52 week Range 9.25-15.74

Average Vol. (3m) 66,180

PAC 38.5%

Figure 40: Faisal Islamic Bank of Egypt (EGP) [FAIT]



Strategy	Last price	Entry Zone	Target zone	Stop Loss zone	Return/ Risk Ratio
Buy	12.31	12.5-12	17-18	10-9	2.3



Current Trend Noise

50-Month EMA 6.22

Distance form EMA -1.1%

Risk degree Low

52 week Range 3.97-7.4

Technical Summary for HELI

Note: Please see Appendix for definitions.

8.6%

PAC

Figure 41: Heliopolis Housing & Development [HELI]



Strategy	Last price	Entry Zone	Target zone	Stop Loss zone	Return/ Risk Ratio
Buy	6.78	6.5-5.8	9-11	5-4.5	2.8

Technical Summary for ISPH

Current Trend Noise

40-Month EMA 5.85

Distance form EMA -38.4%

Risk degree Low

52 week Range 2.99-5.78

Average Vol. (3m) 2.4mn

PAC -21.5%

Figure 42: Ibnsina Pharma [ISPH]



Strategy	Last price	Entry Zone	Target zone	Stop Loss zone	Return/ Risk Ratio
Buy		3.7-3.5	4.5-5	3.1-3	2.1

Figure 43: Madinet Nasr Housing & Development [MNHD]



3. Our top picks for 2022 (cont.'d)

Technical Summary for MNHD

Current Trend Noise

50-Month EMA 3.46

Distance form EMA -24.8%

Risk degree Low

52 week Range 2.16-3.96

Average Vol. (3m) 9.2mn

PAC -12.6%

Note: Please see Appendix for definitions.



Strategy	Last price	Entry Zone	Target zone	Stop Loss zone	Return/ Risk Ratio
Buy	3.06	2.7-2.5	3.3-4	2.1-1.8	1.6

Figure 44: Palm Hills Developments [PHDC]

Technical Summary for PHDC

Current Trend Noise

50-Month EMA 2.02

Distance form EMA -10.9%

Risk degree Low

52 week Range 1.39-2.11

Average Vol. (3m) 4mn

PAC 53.4%

Note: Please see Appendix for definitions.

Strategy	Last price	Entry Zone	Target zone	Stop Loss zone	Return/ Risk Ratio
Buy	1.932	1.9-1.7	2.4-2.8	1.6-1.4	2.7

. .008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 0.5

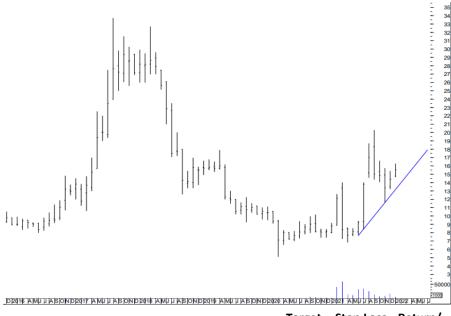
9.0



Figure 45: Delta Sugar [SUGR]

Technical Summary for SUGR			
Current Trend	Noise		
50-Month EMA	12.7		
Distance form EMA	10.2%		
Risk degree	Low		
52 week Range	6.85-20.28		
Average Vol. (3m)	537,867		
PAC	79.6%		

Note: Please see Appendix for definitions.



Strategy	Last price	Entry Zone	Target zone	Stop Loss zone	Return/ Risk Ratio
Buy	15.52	14.5-13.5	18-20	11.5-11	1.8

Technical Summary for SWDY

Current Trend Noise

50-Month EMA 7.9

Distance form EMA 17%

Risk degree Low

52 week Range 7.41-10.65

Average Vol. (3m) 3.2mn

PAC -0.2%

Figure 46: Elsewedy Electric [SWDY]



Strategy	Last price	Entry Zone	Target zone	Stop Loss zone	Return/ Risk Ratio
Buy	9.86	9.5-9	12-13	8.5-7.5	2.6



4. Conclusion

- We advise **conservative traders** to buy the following:
 - 1. AMOC
 - 2. CCAP
 - 3. COMI
 - 4. EFIC
 - 5. EKHO
 - 6. EMFD
 - 7. ESRS
 - 8. FAIT
 - 9. HELI
 - 10. ISPH
 - 11. MNHD
 - 12. PHDC
 - 13. SUGR
 - 14. SWDY
- We advise **speculative traders** to buy the following "high-risk" stocks:
 - 1. ADPC
 - 2. ALUM
 - 3. AMIA
 - 4. AREH
 - 5. CERA
 - 6. DAPH
 - 7. DSCW
 - 8. EDBM
 - 9. EHDR
 - 10. ELWA
 - 11. GGCC
 - 12. GIHD
 - 13. GOCO
 - 14. ICID
 - 15. NEDA
 - 16. UNIP

while sticking to a maximum portfolio weight of 10% per stock in order to (a) have an easier exit in the case of profit or (b) be able to activate the mentioned stop-loss zone.



Appendix

Understanding the Technical Summary table

- **The Noise Trend*:** This trend consists of two steep waves. The first is a strong upward wave, while the second is a sharp declining one.
- 2. Exponential moving average (EMA): An exponential moving average (EMA), also referred to as the exponentially-weighted moving average, is a type of a moving average (MA) that places a greater weight and significance on the most recent data points. It reacts more significantly to recent price changes than a simple moving average (SMA), which applies an equal weight to all observations in the period.
- **3. Distance from EMA %:** The distance between the suggested entry zone and the 50-month EMA is measured to determine the risks.
- **4. 52-week range:** The 52-week high/low is the highest and lowest price at which a security has traded during the time period that equates to one year and is viewed as a technical indicator.
- **5. Average Vol. (3m):** The average volume is total volume over a specific period (e.g. 3 months) divided by the number of trading days in that same period.
- 6. PAC: Prior Annual Change.

Source: Investopedia.com.

^{*} Khedr, Mohamed M., CFTe, MFTA. IFTA Journal: IFTA, 2021, pp 12-26.



Prime Securities

Shawkat El Maraghy

Managing Director **T** +202 3300 5622

SElmaraghy@egy.primegroup.org

Sales

Mohamed Ezzat

Head of Sales & Branches **T** +202 3300 5784

MEzzat@egy.primegroup.org

Mohamed Ashmawy

Head of Institutional Sales **T** +202 3300 5612

MAshmawy@egy.primegroup.org

Amr Alaa CFTe

Team Head –Institutional Desk T +202 3300 5609

AAlaa@egy.primegroup.org

Mohamed El Metwaly

Manager

T +202 3300 5610

MElmetwaly@egy.primegroup.org

Emad El Safoury

Manager

T +202 3300 5624

EElsafoury@egy.primegroup.org

Shawkat Raslan

Heliopolis Branch Manager T +202 3300 5110

SRaslan@egy.primegroup.org

Mohamed El Henawy

Nasr City Branch Manager T +202 3300 5166

MElhenawy@egy.primegroup.org

Nashwa Abuelatta

Alexandria Branch Manager

T +202 3300 5173

NAbuelatta@egy.primegroup.org

Research

Amr Hussein Elalfy CFA

Head of Research **T** +202 3300 5724

AElalfy@egy.primegroup.org

Head Office

Prime Securities S.A.E.

Regulated by FRA License No. 179. Member of the Egyptian Exchange. 2 Wadi Elnil St., Liberty Tower, 7thFl. Mohandessin, Giza, Egypt

T +202 3300 5700 / 770 / 650 / 649

F +202 3760 7543

Branches

Heliopolis

7 Elhegaz Square Heliopolis, Cairo, Egypt

T +202 2777 0600

F +202 2777 0604

Nasr City

9 Elbatrawy St. Nasr City, Cairo, Egypt

T +202 3300 8160

F +202 3305 4622

Alexandria

7 Albert Al Awal St. Smouha, Alexandria, Egypt

T +202 3300 8170

F +202 3305 4622

Disclaimer

Information included in this report has no regard to specific investment objectives, financial situation, advices or particular needs of the report users whether they received them directly or through any research pool and other specialized websites. The report is published for information purposes only and is not to be construed as a solicitation or an offer to buy or sell any securities or related financial instruments. Unless specifically stated otherwise, all price information is only considered as indicator. No express or implied representation or guarantee is provided with respect to completeness, accuracy or reliability of information included in this report. Past performance is not necessarily an indication of future results. Fluctuation of foreign currency rates of exchange may adversely affect the value, price, or income of any products mentioned in this report. Information included in this report should not be regarded by report users as a substitute for the exercise of their own due diligence and analysis based on own assessment and judgment criteria. Any opinions given are subject to change without notice and may significantly differ or be contrary to opinions expressed by other Prime business areas as a result of using different assumptions and criteria. Prime Group is under no obligation responsible to update or keep current the information contained herein. Prime Group, its directors, officers, employees or clients may have or have had interests or long or short positions in the securities and/or currencies referred to herein, and may at any time make purchases and/or sales in them as principal or agent. Prime Group, its related entities, directors, employees, and agents accept no liability whatsoever for any loss or damage of any kind arising from the use of all or part of these information included in this report whether it is received directly or through research pools and other specialized websites. Certain laws and regulations impose liabilities which cannot be disclaimer shall, in no way,

Copyrights © 2022, Prime Group, ALL RIGHTS RESERVED. You are hereby notified that distribution and copying of this document is strictly prohibited without the prior approval of Prime Group.