

Promoting the Integrity and Growth of the Capital Markets

Consolidated Performance Risk Management Report [For October - December (Quarter 2),2019-2020]

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Background

The main objective of the established Enterprise Risk Management (ERM) framework is to ensure alignment of strategy, processes, people, technology and funds in order to identify, evaluate and manage opportunities, uncertainties and threats in a structured and disciplined manner and geared towards achieving strategic objectives.

As part of the reporting requirements contained in the Risk Management Policy and Procedures, Management is mandated to report on a periodic basis to the Board on the extent of implementation of risk management strategies. This report presents progress made in the implementation of risk mitigation strategies established under the Enterprise Risk Management Framework that was adopted by the Board in August 2017. Presented below is the risk assessment and ranking methodology adopted;

Risk Impact Rating And Score

Insignificant	Minor	Moderate	Major	Catastrophic
1	2	3	4	5
An event that, if it occurs would have no effect on the achievement of the targets set	cause small cost (and/or schedule) increases that, in most	An event that, if it occurred, would cause moderate cost and schedule increases, but important requirements would still be met	would cause major cost and schedule increases. Secondary	The regulatory or statutory standing of the Authority is brought into serious question or the project is terminated

Opportunity Impact Rating And Score

Insignificant	Minor	Moderate	Major	Transformational
1	2	3	4	5
		An opportunity that if it	An opportunity that if it	An opportunity that if it
	An opportunity that if it	materializes would yield a	materializes would yield a major	materializes would greatly
materializes would have no	materializes would yield a small	moderate cost and/or schedule	cost and/or schedule savings and	transform the strategic impact of
	cost and/or schedule saving to an	savings and would enhance the	would greatly enhance the	the Authority and the continued
achievement of the targets set.	activity, project or department	achievement of important	achievement of important and	realization of its strategic
		requirements	secondary requirements	mandate.

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Risk/ Opportunity Likelihood Rating and Score

Probability	Description	Risk Score	Opportunity Score	Consideration
	90% or greater chance of the			The risk/ opportunity event has
Almost Certain	event occurring during the life of	5	5	occurred during the last 3-6
Allifost Certain	the objective	J	3	months or is certain to occur in
	*			the next 3-6 months
				There is a history of frequent
	65% to 90% chance of the event			occurrence. The risk/
Highly Likely	occurring during the life of the	4	4	opportunity event has occurred
rigilly Likely	objective	4	4	during the last 6-12 months or
	objective			may occur in the next 6-12
				months
				There is a history of casual
				occurrence. The risk/
	35% to 65% chance of the event			opportunity event has occurred
Likely	occurring during the life of the	3	3	during the last 12-36 months or
	objective			may occur in the next 12-36
				months
				The risk/ opportunity event
	10% to 35% chance of the event			occurs from time to time. The
Unlikely	occurring during the life of the	2	2	event has occurred during the last
	objective			36-60 months or may occur in
				the next 36-60 months
				The risk/ opportunity event has
				not occurred in CMA but has
	Less than 10% chance of the			occurred in other similar
Rare	event occurring during the life of	1	1	organizations. The risk event
	the objective			may occur beyond the next 60
				months

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Overall Risk Rating

0 , 01 41			_		_	_
	Catastrophic 5	5	10	15	20	25
	Major 4	4	8	12	16	20
Impact	Moderate 3	3	6	9	12	15
	Minor 2	2	4	6	8	10
	Insignificant	1	2	3	4	5
		Rare	Unlikely	Likely	Highly Likely	Almost Certain
		1	2	3	4	5
		Likeliho	ood	•	•	•

Risk Treatment Decision

Overall Sco	re Overall Rating	Risk Treatment Decision
20-25 Very High		Extensive management essential
10-16	High	Management effort required
<mark>5-9</mark>	Medium	Management effort worthwhile
3-4	Low	Risk may be worth accepting while monitoring
1-2	Very Low	Accept

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Overall Opportunity Rating

0 , 01 0.	opportunity run	B	_			
	Transformational	5	10	15	20	25
	Major 4	4	8	12	16	20
Impact	Moderate 3	3	6	9	12	15
	Minor 2	2	4	6	8	10
	Insignificant	1	2	3	4	5
		Rare	Unlikely	Likely	Highly Likely	Almost Certain
		1	2	3	4	5
		Likelih	ood			

Opportunity Treatment Decision

Overall Score	Overall Rating	Opportunity Treatment Decision
20-25	Very High	Extensive management effort essential to harness opportunity
10-16	High	Management effort required to actualize opportunity
5-9	Medium	Management effort worthwhile to pursue opportunity
3-4	Low	Opportunity worth monitoring
1-2	Very Low	Opportunity worth noting

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ABBREVIATIONS

TERM	DEFINITION	TERM	DEFINITION
AMERC	AFRICA/MIDDLE-EAST REGIONAL COMMITTEE	ADGM	ABU DHABI GLOBAL MARKETS
ABS	ASSETS BACKED SECURITY	AUM	ASSETS UNDER MANAGEMENT
CMMP	CAPITAL MARKETS MASTER PLAN	ACIS	ASSOCIATION OF COLLECTIVE INVESTIMENT SCHEMES
C & F	COMPLIANCE AND FACITILIATION	CDSC	CENTRAL DEPOSITORY & SETTLEMENT CORPORATION
CPD	CONTINOUS PROFESSIONAL DEVELOPMENT	CIS	COLLECTIVE INVESTMENT SCHEMES
DCS	DIRECTORATE CORPORATE SERVICES	CSI	CORPORATE SOCIAL INVESTMENTS
DMO	DIRECTORATE MARKET AFFAIRS	EAVCA	EAST AFRICA VENTURE CAPITAL ASSOCIATION
DRPS	DIRECTORATE REGULATORY, POLICY AND STRATEGY	ETF	EXCHANGE TRADED FUND
FINRA	FINANCIAL INDUSTRY REGULATORY AUTHORITY	FSB	FINANCIAL STABILITY BOARD
FSDA	FINANCIAL SECTOR DEEPENING AFRICA	FMA	FUND MANAGERS ASSOCIATION
GEM	GROWTH AND EMERGING MARKETS	IEMI	INVESTOR EDUCATION MEASUREMENT INDEX
IFRS	INTERNATIONAL FINANCIAL REPORTING STANDARDS	IF	ISLAMIC FINANCE
IOSCO	INTERNATIONAL ORGANIZATION OF SECURITIES COMMISSIONS	KAM	KENYA ASSOCIATION OF MANUFACTURERS
JFSR	JOINT FINANCIAL SECTOR REGULATORS	KASIB	KENYA ASSOCIATION OF STOCK BROKERS AND INVESTMENT BANKS
KAM	KENYA ASSOCATION OF MANUFACTURERS	KDA	KENYA DIASPORA ASSOCIATION
KICD	KENYA INSTITUTE OF CURRICULUM DEVELOPMENT	KIE	KENYA INDUSTRIAL ESTATES
L&D	LEARNING AND DEVELOPMENT	KNBS	KENYA NATIONAL BUREAU OF STATISTICS
MSD	MARKET SUPERVISION DEPARTMENT	KNCCI	KENYA NATIONAL CHAMBER OF COMMERCE AND INDUSTRY
MFA	MULTI-FACTOR AUTHENTICATION	KPWF	KENYA POOLED WATER FUNDS
PIU	PROJECT IMPLEMENTATION UNIT	KEPSA	KENYA PRIVATE SECTOR ALLIANCE
POC	PROOF OF CONCEPT	NSE	NAIROBI SECURITIES EXCHANGE
RAK	REITS ASSOCIATION OF KENYA	PGN	POLICY GUIDANCE NOTE
RFQ	REQUEST FOR QUOTATION	PE	PRIVATE EQUITY
	RISK BASED SUPERVISION SYSTEM	PPRMIS	PROJECTS, PERFORMANCE AND RISK MANAGEMENT INFORMATION SYSTEM
ICIFA	THE INSTITUTE OF CERTIFIED INVESTMENT AND FINANCIAL ANALYSTS	RAK	REAL ESTATE ASSOCIATION OF KENYA
KMIT	KNOWLEDGE MANAGEMENT INFORMATION TECHNOLOGY	SRO	SELF-REGULATORY ORGANIZATION
<u> </u>		SCAC	STATE CORPORATIONS ADVISORY COUNCIL
		TOT	TRAINER OF TRAINERS

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Cumulative Risks with Cumulative Activities:

N O	Strategic Objective	Cumulative Risk	Cumulative Activity	Expected Cumulative Outcome
1	Ensure optimal institutional efficiency and effectiveness of CMA	KRA and the National Treasury seizing Authority Reserves and placing agency notices on bank accounts. 25	High level engagement with KRA on basis of reservation and commitment of funds held by the Authority, while promptly settling amounts deemed genuinely due against 90% surplus obligation.	Continued funding of operations and safety of ICF funds.
2	To ensure a robust, facilitative and responsive policy and regulatory framework for capital market development and efficiency To Ensure sound market infrastructure, institutions and operations	Engagement in unlicensed business lines by regulated entities 25		stability of the market
3	Ensure optimal institutional efficiency and effectiveness of CMA	Litigation against CMA actions and directives 25	Enhance of enforcement process with legal due process 100 %	Effective and efficient enforcement
4	To ensure a robust, facilitative and responsive policy and regulatory framework for capital market development and efficiency	Collapse of a Collective Investment Schemes. 25	Enhanced supervision and enforcement of quality of asset class and ration of investments 50 %	Stability of the market
5	To Ensure sound market infrastructure, institutions and operations	Low business of licensed entities. 25	Enhancement of market liquidity to increase trading activity 50 %	stability of the market

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6	To facilitate the development, diversification and uptake of capital market products and services	Maximize social media and/or digital marketing to promote awareness and optimal uptake of capital markets products and services 25	Leverage digital marketing/social media platforms to disseminate information to the public on new capital markets products, services and innovations 50 %	Increased/Optimal Product and Services Uptake and Market Deepening
7	<u> </u>	Non compliance with Procurement, financial and Human Resource laws, policies and procedures, guidelines and circulars	•	Maintain institutional integrity and reputation
8		Obsolescence of server hardware equipment and systems software 20	Upgrades are at different stages of implementation 28 %	Improved infrastructure, capacity, performance and security of Information systems.
9	Ensure optimal institutional efficiency and effectiveness of CMA	Cyber security threats 20	Development and implementation of appropriate Cybersecurity frameworks 38 %	Confidentiality, continued availability and integrity of data and information.
10	Ensure optimal institutional efficiency and effectiveness of CMA	Failure of 3rd party ICT service providers 20	The state of the s	99.9% Reliability and availability of contracted services.
11	efficiency and effectiveness of	Reduced capability of the Authority from declining staff engagement and headcount shortage. 20	Deployed teams to address urgent strategic issues and continue to pursue the National Treasury and SCAC for an expedited approval of revised HR instruments.	Optimal institutional capacity and effectiveness
12	To Ensure sound market infrastructure, institutions and operations	Failure by government majority owned listed companies to submit and publish audited financial statements	To review compliance by issuers of securities and market intermediaries with the continuous reporting obligations. 90 %	To enhance governance and accountability
13	To Ensure sound market infrastructure, institutions and operations	Yield driven investment decisions by fund managers without due regard to quality of the investment 20	Enhanced supervision of Fund Managers 45 %	Enhanced Governance and stability of the markets

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14	To facilitate the development, diversification and uptake of capital market products and services	Unresponsive policy,legal and regulatory framework due to partial/piecemeal adoption by policy makers 20	Apply evidence based methodology in policy analysis and formulation 100 %	Responsive policy,legal and regulatory that enhances market oversight development
15	To facilitate the development, diversification and uptake of capital market products and services Ensure optimal institutional efficiency and effectiveness of CMA	Decreased level of investor protection due to low levels of financial literacy and capability 20	investor protection, with greater focus on	Increased uptake of new capital markets and products due to higher financial and lower incidences of fraud
16	To facilitate the development, diversification and uptake of capital market products and services	Fintech to develop innovative and transformative capital markets solutions	of capital markets-related Fin Tech solutions in the CMA Regulatory Sandbox	Transformative Fintech solution (s) rolled out in the market and improved product and services uptake
17	To facilitate the development, diversification and uptake of capital market products and services	take up new capital markets products and services	to address decision-making challenges by	Increased/optimal capital markets products and services uptake
18	To Ensure sound market infrastructure, institutions and operations	Development (CPD) program	Launch and operationalize the CPD 60 %	Enhanced service delivery through increased institutional competency at market intermediary level
19	To facilitate the development, diversification and uptake of capital market products and services Enhancing strategic influence	Insufficient/Sub Optimal Uptake of Capital markets products and services 20	and product & services uptake strategy and	Sufficient/Optimal Product and Services Uptake and Market Deepening

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	To ensure a robust, facilitative			
	and responsive policy and			
	regulatory framework for	Leverage of partnerships with other	Enter into mutual cooperation agreements	
	capital market development and	stakeholders and development partners to	and establish strategic partnerships to	
20	efficiency	enhance Knowledge, Attitude and Practice	promote financial literacy and build	Increase of Investor Education
20	To facilitate the development,	towards capital markets	capacity for investors, issuers and market	Measurement Index (IEMI) by 2%
	diversification and uptake of	20	intermediaries	
	capital market products and		68 %	
	services			
	Enhancing strategic influence			
	To facilitate the development,	Leveraging on the Resource Persons	Implement Outsourcing strategy involving	
	diversification and uptake of	Leveraging on the Resource Persons programme and key staff members from all	professionals country-wide and internal	2% increase in the Investor Education
21	capital market products and	programme and key starr members from an	CMA staff in furthering Public Education	Measurement Index through increased
		the Authority departments	and Awareness and Agenda	coverage
	services	20	43 %	

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Cumulative Risks heatmap

	Catastrophic 5				DCS13 DCS17 DMO22 DMO23 DRPS12 DRPS14 DRPS15 DRPS17	DCS18 DMO20 DMO21 DMO24 DMO25
Impact	Major 4					DCS14 DCS15 DCS16 DRPS11
	Moderate 3					
	Minor 2					
	Insignificant 1					
		1	Unlikely 2 lihood	Likely 3	Highly Likely 4	Almost Certain 5

No	Cumulative Risk	Score	Ref No
1	KRA and the National Treasury seizing Authority Reserves and placing agency notices on bank accounts.	25	DCS18
2	Engagement in unlicensed business lines by regulated entities	25	DMO20
3	Litigation against CMA actions and directives	25	DMO21
4	Collapse of a Collective Investment Schemes.	25	DMO24
5	Low business of licensed entities.	25	DMO25
6	Non compliance with Procurement, financial and Human Resource laws, policies and procedures, guidelines and circulars	20	DCS13
7	Obsolescence of server hardware equipment and systems software	20	DCS14
8	Cyber security threats	20	DCS15
9	Failure of 3rd party ICT service providers	20	DCS16
10	Reduced capability of the Authority from declining staff engagement and headcount shortage.	20	DCS17
11.1	Failure by government majority owned listed companies to submit and publish audited financial statements	20	DMO22
1 L	Yield driven investment decisions by fund managers without due regard to quality of the investment	20	DMO23
13	Unresponsive policy,legal and regulatory framework due to partial/piecemeal adoption by policy makers	20	DRPS11
14	Decreased level of investor protection due to low levels of financial literacy and capability	20	DRPS12
15	Delayed business decision-making by potential issuers and market organizers to take up new capital markets products and services	20	DRPS14
16	Ineffective Continuous Professional Development (CPD) program	20	DRPS15
17	Insufficient/Sub Optimal Uptake of Capital markets products and services	20	DRPS17

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Detailed Status of Risks

#	Description	t	Prior Rating	Risk Drivers	Strategy Undertaken	Effect of Risk to Authority	Further action to be undertaken	Person Responsible
1	Low business of licensed entities.	, ,	25 (5*5)	- 1. Macroeconomic factors leading to less disposable income among investors. - 2. Cutthroat competition leading to commission undercutting. - 3. Competition from other regulated products e.g. flight of funds from stocks to fixed income and other safer investments. - 4. Competition from unregulated products e.g. private equity in search of higher returns.	be wholly independent on traditional products	- 1. Increase in market malpractices. 2. Loss of income to the Authority. 3. Loss of credibility of the Authority. 4. Loss of investor funds. 5. Loss of investor confidence.	- 1. Encourage diversification from core business to other new regulated products. 2. Encourage licensed entities to explore more innovative marketing strategies. 3. Enhance investor education initiatives.	Manager Market Supervision

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					to undertake online forex			
					trading 2. CMA			1
					continuously sensitizes the			
					public on benefits of			
					investing in capital markets.			
					- 1. Effective patching of all			
					the operating systems,		- 1. Continuous patching of	
					application and database		current operating systems,	
					management system		application or database	
					software nearing end-of-life		software using the	
					2. Project initiation between		Windows Server Update	
					CMA and Attain on the		Services (WSUS) 2.	
					upgrade of Enterprise		Upgrade of the operating	
					systems, applications and		system software, Database	
					operating system software 3.		management systems, email	
					Received the licenses for the		infrastructure and	
					respective operating system		enterprise applications to	
					software and enterprise		the most current versions	
				0 . 1	applications from the		available	
					vendor Attain 4. Developed			
	Obsolescence of				a low-level design	- 1.Exposing the ICT	4.35	
	server hardware			A 1' . 1/	document that will be used	resources to zero day attacks		Manager
					in the software upgrades	2. Running application or		Information
2	systems	(5 5)	(- · · - >	Database software by system owners/vendors		server platforms not		Communicati
	software at the	←●→	(5 5)	Owners/ vendors	- 1. Timely replacement of		terms redundant power	on
	Authority			- Continuous use of old	failed hardware	security/critical updates	supply and adequate cooling at the server room 2. Timely	Technology
				server and storage hardware	infrastructure peripherals		repair of failed or faulty	
					such as hard disks and		peripherals in the current	
					power supply units 2.		server hardware 3.	
					Project initiation between		Installation, setup and	
					CMA and Computech on		configuration of a new	
					the server hardware upgrade		storage and server hardware	
					3. Conducted current server	,	at the Primary data center	
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						infrastructure review and		and DR sites respectively 4.	
						developed a low level design		Migration of the enterprise	
						document that will guide		applications and systems	
						the hardware upgrade 4.		from the current obsolete	
						Procured 6 additional blade		hardware to the new	
						servers for use in the		hardware infrastructure	
						expected storage			
						infrastructure			
						- The Authority engaged			
						with SCAC to review CMA			
	Delayed	25			- Lengthy process of	HR Instruments in a retreat			Manager
	approval o	. 25		20	approving the Human	held in Naivasha for one	- Low staff morale. Failure	- Continuous Board	Human
3	Human	(5)	5)		Resource Instruments by	week. Approval of the	to actific ve key targets.		Capital &
	Resource	1		, ,		instruments by The		authorities for approval.	Administratio
	Instrumen	s				National Treasury is			n
						awaited.			

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						- 1. Compliance of the			
						enforcement procedure and			
						enforcement actions with			
						the regulatory framework		- 1. Compliance of the	
						(CM Act, FAAA and Constitution) 2. Appeals		enforcement procedure and enforcement actions with	
	,	T iti aati aa			- 1. Court orders issued	lodged in matters where		the regulatory framework	
		Litigation against CMA	25		against the Authority 2. Lack of appreciation of	adverse judgements were delivered against the		(CM Act, FAAA and	Manager
4		_	(5*5)	6	capital market operations by		- Major	Constitution) 2. Appeals lodged in matters where	Investigations
	1	processes and unfavorable court decisions	1		substantive ad procedural law	engages with Legal Department and/or External Counsel to ensure that pleadings are filed to		advarca judgam anta xvara	& Enforcement
						defend the Authority's position. 4. Development of proposal to address risk of bias			

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emergence of new business lines in the Capital Markets space without prior regulatory approval (5*5) (5*5								- • Conduct routine/	
Regulated entities engaging in unlicensed/new business lines without prior regulatory approval and emergence of new business lines in the Capital Markets space without prior regulatory approval Regulated entities engaging in unlicensed/new business lines without prior regulatory approval - Stiff competition in traditional revenue generating activities and limited available products in the market. - Gaps, inconsistencies and ambiguities in the current regulatory approval - Gaps, inconsistencies and prior regulatory approval - Capital Markets space without prior regulatory approval - Stiff competition in traditional revenue generating activities and limited available products in the current regulatory framework. - Stiff competition in traditional revenue generating activities and limited available products in the market. - Continuous engagement with the market. - Continuous review of the regulatory frameworks Submission of information gathered through market intelligence to Market - Development and Policy and Regulatory Framework Departments The Authority to issue public varnings on unlicensed								thematic inspections to	
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engaging in unlicensed/new business lines without prior regulatory approval and emergence of new business lines in the Capital Markets space without prior regulatory approval engaging in unlicensed/new business lines in the Capital Markets space without prior regulatory approval engaging in unlicensed/new business lines in the Capital Markets space without prior regulatory approval engaging in unlicensed/new business lines in the capital Markets space without prior regulatory approval - Stiff competition in traditional revenue generating activities and limited available products in the current regulatory sand one of the inspections objectives is to ascertain objectives is to ascertain market integrity. - Routine inspections conducted in Oct- Nov 2019 of market integrity. - Potential erosion of capital. 2. Potential misapplication of clients' assets. 3. Loss of investor confidence in case clients discover that the new business are brought under regulatory ambit. Continuous review of the regulatory frameworks. Submission of information gathered through market intelligence to Market Development and Policy and Regulatory Framework Departments. - The Authority to issue public warnings on unlicensed regulator's approval.		· ·					assets. 3. Loss of investor	firms involved in capital	
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without prior regulatory approval and emergence of new business lines in the Capital Markets space without prior regulatory approval without prior regulatory approval A continuous review of the regulator of the inspections objectives is to ascertain business practices and ambiguities in the current prior regulatory approval A continuous review of the regulator of the inspections objectives is to ascertain business practices A continuous review of the regulator of the inspections objectives is to ascertain business practices A continuous review of the regulator of capital integrity. Continuous review of the regulator of apital. 2. Potential erosion of capital. 2. Potential misapplication of clients' assets. 3. Loss of investor confidence in case clients discover that the new business lines lacked regulator's approval. 4. Lack Authority to issue public warnings on unlicensed					_		business lines lacked	Continuous engagement	
regulatory approval and emergence of new business lines in the Capital Markets space without prior regulatory approval proval misspolication of clients' space without prior regulatory approval misspolication of clients' space without prior regulatory approval misspolication of clients' discover that the new pusiness lines lacked proval misspolication of clients' discover that the new pusiness lines lacked regulatory's approval. Continuous review of the regulatory frameworks. Manager Market Supervision Continuous review of the regulatory frameworks. Submission of information gathered through market intelligence to Market Development and Policy and Regulatory Framework Departments. • The Authority to issue public arregulatory frameworks. Manager Market Supervision									
approval and emergence of new business lines in the Capital Markets space without prior regulatory approval and emergencations of new business lines in the Capital Markets space without prior regulatory approval approva		_	25			conducted in Oct- Nov 2019			Managar
emergence of new business lines in the Capital Markets space without prior regulatory approval (5*5) the market. objectives is to ascertain objectives is to ascertain business practices - 1. Potential erosion of capital. 2. Potential misapplication of clients' assets. 3. Loss of investor confidence in case clients discover that the new business lines lacked regulator's approval. - 1. Potential erosion of capital. 2. Potential misapplication of clients' assets. 3. Loss of investor confidence in case clients discover that the new business lines lacked regulator's approval. 4. Lack			(5*5)	25	innited available products in			regulatory frameworks. •	_
new business lines in the Capital Markets space without prior regulatory approval - Gaps, inconsistencies and ambiguities in the current space without prior regulatory approval - Gaps, inconsistencies and ambiguities in the current regulatory framework. business practices capital. 2. Potential misapplication of clients' assets. 3. Loss of investor confidence in case clients discover that the new business lines lacked regulator's approval. 4. Lack warnings on unlicensed				(5*5)	the market.	<u>-</u>	- 1 Potential erosion of	-	
lines in the Capital Markets space without prior regulatory approval Capital Markets capital Markets space without prior regulatory approval Capital Markets space		_			- Gans inconsistencies and			gathered through market	Supervision
Capital Markets space without prior regulatory approval Tegulatory framework. Capital Markets business lines lacked regulator's approval. 4. Lack Capital Markets confidence in case clients discover that the new business lines lacked regulator's approval. 4. Lack Capital Markets confidence in case clients discover that the new business lines lacked regulator's approval. 4. Lack						_	-		
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prior regulatory approval discover that the new business lines lacked regulator's approval. 4. Lack Departments. • The Authority to issue public warnings on unlicensed		_			regulatory framework.				
approval business lines lacked regulator's approval. 4. Lack warnings on unlicensed		_							
regulator's approval. 4. Lack warnings on unlicensed								_	
regulators approval. 4. Dack		approval							
							of market integrity.	entities issuing products	
that take the form of									
regulated activities which								regulated activities which	
have not yet been approved									
by the Authority									
								,	
- Robust engagements with								- Robust engagements with	
relevant stakeholders								relevant stakeholders	
including transaction								including transaction	
advisers, NSE, CDSC, CA,								advisers, NSE, CDSC, CA,	
RAK, ACIS, FMA,								RAK, ACIS, FMA,	
Trustees, Corporate								Trustees, Corporate	
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6	Sub Optimal Uptake of Capital markets products and services	20 (5*4)	25 (5*5)	- Low level of awareness of Capital Markets products and services by Industry associations, Fund managers, Investors and Capital Markets ecosystem - Low investor and issuer confidence on Capital Markets - Unattractive returns to spur exits by PE funds - Inadequate utilization of modern techniques and technology to broadcast capital markets products and services - Ineffective business promoters (or lack of business promoters) for the derivatives products and/or no market maker	- The Authority has put in place a Market Deepening Road Map and Work plan - The department developed a strategic plan with KAM to roll out deepening initiatives - The Authority engaged EAVCA to firm up approach on enhancing PE activity within the Capital markets as well as regulatory oversight of the PE industry. - The department has collaborated with the Corporate Communication to rollout a robust social media marketing and campaign program - Engage NSE, KASIB and FMA to provide strategies	securities market index and market turnover. Increased market concentration and low liquidity levels. Illiquid Bond Market Exit of foreign investors Declining activity and performance by Market intermediaries Increased profit warnings Low revenue for the Authority Dampened economic growth resulting from capital markets - Low Uptake of new Capital Markets products and services. - Low Uptake of new Capital Markets products and services. Missed investment opportunities - Low Uptake of new Capital Markets products and services. Missed investment opportunities	Authority's market deepening initiatives - Implementation of the CMA KAM strategic plan and robust roll out of targeted awareness and market deepening initiatives - Continuous engagement and collaboration with EAVCA towards	Team Leader Market Deepening, Team Leader Market Deepening
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					undertake the role of primary dealers/market makers	Campaigns on Capital Markets products and services - Develop incentives through policy proposals to support Market making in the equities and derivatives	
7	Ineffective Continuous Professional Development (CPD) progra	16 (4*4)	- Cost of compliance - Low proficiency of exempted practitioners - Ineffective CPD Policy causing low uptake - Ineffective ability of Department to implement mandate	- CPD circular issued CISI and ICIFA accredited as CPD service providers - CPD Policy developed MoU between ICIFA and CMA MoU between ICIFA and CISI - feedback incorporated into the CPD Policy. - engagements with National Treasury and State Corporations Advisory Committee for approval		- Commencement of earning CPD credits by market practitioners - Commencement of earning CPD credits by market practitioners - Soliciting feedback from practitioners on a quarterly basis - Soliciting feedback on a monthly basis	Manager Investor Education & Public Awareness

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**	8	Failure by government majority owned listed companies to submit and publish audited financial statements	(4*5)	20 (4*5)	- Delay to appoint the Auditor General	companies were required to publish the extension notice providing adequate reason	performance of the listed companies leading to delay	- The affected companies to publish the extension notice providing adequate reason for the delay in publication of audited financial statements	Manager Corporate approvals
9	9	Ineffective succession planning	(1 5)	20 (4*5)	- Failure to afford the right talent	- Board engagement with the National Treasury	- Business continuity may be hampered Low staff morale when they act in higher roles for long duration	5	Manager Human Capital & Administratio n
	10	Failure of 3rd party ICT service providers	(1 5)	(4*5)	servers which hosts our	separate independent internet links	- 1. Inability to send or receive external emails 2. Unavailability of the CMA website	and maintain valid contracts for the provision of Internet, Domain and web hosting services 3.	Manager Information Communicati on Technology
						- CNF and CE's Comments on the White paper on Capital Markets incorporated with a view to presenting the Paper to			
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					WG1 in Q3			
					- During WIW, the Authority held various Social Media initiatives on investor protection, online		- Continued partnerships	
					Resource Centre Campaign,		and adoption of the new	
					Scavenger hunt, Resource		strategic approach to target	
					Centre physical visit,		the various segments and	
					vernacular radio initiatives		sub groups at a more	
					in two counties,		granular level.	
					intermediaries outreach			
					programs, Facebook		- 1. Inclusion of the Trading	
					Conference and Crossword		Bells Program as part of the	
					Puzzle on Derivatives.		testimonials campaign. 2.	
					Further, hosted students		Create awareness on CIS	
					from Kitale Technical,		participation as a long-term	
				4 7 1 6 37 1 1	Baraton university as well as		treatment for access and use	
				- 1. Lack of a National	held forums with various		of Resource Persons to	
				Financial Education	professional institutions -		reach rural areas. 3.	
				Strategy	KIP, IHRM, ISK, DCI	- Good corporate image and	Continued support and	
				- 2. Cultural persuasions (Academy, ICIFA amongst	increased awareness	collaboration with both	
				tangible vs non tangible	others		demand and supply side	
	Decreased level			products)		- Increase in capital markets	resource persons	Managan
	of investor	20		F,	- Attended a KICD	products and services	-	Manager
	protection due	(4*5)	20	- 3. Absence of capital	workshop in November in	uptake	Control 1 and 1 and a	Investor Education 8
	to lack of	+•→	(4*5)	market topics in the primary	Naivasha as well as a forum		- Continued collaboration with KICD to include	Public
	financial literacy			and secondary school	in December at KICD	In amage in conital manufacts		
	and capability			curriculum	offices in Nairobi on	- Increase in capital markets products and services	capital markets topics in the curriculum	Awareness
					development and update on	Ť	Curriculum	
				- 4. Low income levels,	the status of infusion of	uptake, good corporate		
				savings and financial	capital markets and	image	- The department will	
				capacity	financial literacy topics into		continue to implement	
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Curriculum Syllabus. encourage a savin and introduce pro low income Keny	oducts for
low income Keny	
low income Keny	rana hanaa
- Encouraged a savings	yans nence
culture in all initiatives	rage on
undertaken. technology to teach	ch on areas
like mpesa and M	IAkiba.
- Authority partnered with other professional - Adoption of the	e new
institutions to demystify strategic approach	h to target
capital markets and various segments	s and sub
encourage a culture of groups at a more	granular
level.	
the IHRM, KIP, ISK, DCI	
Academy forums. Further,	
forums targeting	
institutional investors and	
pension scheme trustees	
were held. The retail	
investors were also	
encouraged to invest in	
CIS's and M-Akiba as easier	
access to the market.	

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12	Yield driven investment decisions by fund manager without due regard to quality of the investment	(1 5) ← ● →	20 (4*5)	fund managers in attracting public funds - The Collective Investment Scheme does not provide a standardized method of calculating yield	- Quarterly review of assets under management to check if all investments have been correctly reflected and invested within the limits - We reviewed the TORs of the consultant to be hired to revise Collective Investment Scheme Regulations	- 1.Possible run in the CIS Industry 2.Loss to investors	invested within the limits	Manager Corporate approvals
13	Lack of adequate number of resources	20 (4*5) ← ● →	20 (4*5)	compensation to attract specialized skills 3. Staff deployment to other departments due to low	- 1. Request made to the Human Capital to engage temporary assistants pending recruitment of officers for the enforcement department. 2. Expand the establishment. 3. Recruit optimally	- Major	- 1. Filling the vacancy	Manager Investigations & Enforcement, Manager Human Capital & Administratio
14	Non compliance with the Procurement Plan requirements and procurement procedures	20	12 (4*3)	User specifications not clear/well drawn 4. Short	ensure submission of the	- Delayed delivery of goods and services, Warnings and/or sanctions from PPRA Loss of funds	- Sensitization and Monitoring	Manager Procurement

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partial/pieceme I adoption by policy makers Inadequate Financial Resources.	20 (4*5)	20 (4*5)	- Competing Gok priorities - Low Market Turnover.	that their will be no tax leakages on granting tax incentives i.e Proposal on finality of withholding tax on interest income from corporate bonds for investors to TNT demonstrates this and evidences the existing tax inequity. - Spending within revenue collected revenue Prioritizing strategic plan activities	- Lack of delivery of mandate	- Employment of financial modelling techniques to present cost-benefit analysis to GoK - Facilitate Market deepening Ma	Manager Finance
Unresponsive policy,legal and regulatory framework due to	20	20 (4*5)	- Vested interests from peer government agencies and other sectors of the economy	- Stakeholder engagement on policy proposals i.e RBA engaged on Policy Proposal touching on PE firms accessing pension monies policy proposal. TNT engaged prior to stakeholder consultation on NSE Recovery Board in relation to SOE's in which they are the anchor shareholder. - Demonstration to GoK		engagement on outstanding policy recommendations Assistant Management of financial Policy	Assistant Manager Policy

1	7	Cyber security threats	(.,	20 (5*4)	- 1. Ransomware such as Wannacry, Locky etc 2. Viruses, spyware, spam and other forms of malware 3. Phishing and pharming - Unpatched client and server operating systems - Social engineering through malicious email - Unauthorized access to critical systems or data	spam filtering solution 3. Maintained an effective end-point security solution 4. Maintained an effective backup process for critical data - Maintained an effective patch management program for client and server systems - Conducted user awareness on current threats	- Data loss and/or data corruption through zero- day attacks - Users clicking on malicious links or attachments sent on email or other mediums to enable a successful attack - 1. Privilege escalation 2. Data loss 3. Unauthorized access to confidential	indeapth network and	Manager Information Communicati on Technology	
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							Admins membership 3.	
					- Temporary staff and		Review of staff access to the	
					intern joined the team		file server systems	
					during the quarter		- Ongoing assessment of	
							MS capacity needs and	
					- MS is conducting		continuous identification of	
					continuous assessment of		suitable staff for absorption	
					the work plan to ensure		to the relevant MS	
					alignment to corporate		functions.	
					objectives. Tracking of			
	Inadequate	20		- Competing corporate and	departmental work plan	- MS mandate not optimally	- Conduct ongoing	Manager
18	capacity within	(5*4)	20	departmental priorities	activities is reported during	delivered	assessment of MS work	Market
	MSD	+ •+	(5*4)	T	all departmental meetings.	denvered	plan objectives and	Supervision
				- Inadequate technical skills			ensuring alignment to	
					- Training needs in different		corporate objectives.	
				services and operations.	areas has been identified and			
					continual capacity building		- Effective training needs	
					is carried out through		analysis and	
					training MS staff e.g. several		implementation of training	
					staff were trained abroad on		plan.	
					risk management and stress			
					testing			

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11	9	Sub optimal internal capacity (staff numbers and skills set in review of new products)	(4*5)	20 (4*5)	products, services - Inadequate staff complement	- 1. Some staff members were trained in the quarter and are expected to share with the rest of the staff on the knowledge gained. - 2. Some staff had to work overtime to cover the extra work spread from exiting staff	for approval 2. Reputation risk 3. Loss of Revenue due to lack of confidence in the market - 1. Diminishing staff morale due to being overworked and lack of career progression. 2. overworked staff leading to low productivity, staff turnover and applications that don't fully comply with	- 1. proper training needs assessment 2. Attachment to the market and other relevant stakeholders - 1. Recommend for filling vacant positions 2. Recommend confirmation of long serving and competent temporary staff 3. Recommend promotion for staff who are very competent but have	Manager Corporate Approvals , Manager Human Capital & Administratio
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Cumulative Opportunities heatmap

	Transformational 5				DRPS/O/10 DRPS/O/9 DRPS13	DRPS/O/11
	Major 4					
Impact	Moderate 3					
	Minor 2					
	Insignificant 1					
	_	Rare	Unlikely	Likely	Highly Likely	Almost Certain
		1	2	3	4	5
		Like	lihood			

No	Cumulative Opportunity	Score	Ref No
11	Maximize social media and/or digital marketing to promote awareness and optimal uptake of capital markets products and services	25	DRPS/O/11
Z	Leverage the Regulatory Sandbox and Fintech to develop innovative and transformative capital markets solutions	20	DRPS13
	Leverage of partnerships with other stakeholders and development partners to enhance Knowledge, Attitude and Practice towards capital markets	20	DRPS/O/9
14	Leveraging on the Resource Persons programme and key staff members from all the Authority departments	20	DRPS/O/10

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Detailed Status of Opportunities

#	Description	L	Rating	Opportunity Drivers	Enhancement Strategy		Further action to be undertaken	Person Responsible
1	Roll out robust social media marketing to promote capital markets products and services uptake	25 (5*5) ← • →	25 (5*5)	awareness of capital markets products and services. - Low Responsiveness to social media queries by the investing public and the	capital markets products and services - Collaborative effort with Corporate Communications	- Enhanced awareness and visibility of capital markets products and services - Enhanced capital markets customer experience and investor journey	- Roll out of products Videos and Blog posts on capital markets products and services - Dedicated resource to undertake social media customer experience and market deepening	Team Leader Market Deepening

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	<u>,</u>	Leveraging on the Resource Persons programme and key staff members from all the Authority departments	←●→	(5 1)	- 1. Introduction of outsourcing strategies (resource persons program) - 2. Availability of professionals who have passion for the capital market and are willing to give their time to create awareness	operations teams, DRPS, and the CE made presentations during various IEPA forums held during the quarter. The Resource Persons did not submit request for approval to undertake initiatives during the quarter. A meeting has therefore been set for Q3 to discuss with the resource persons the reasons and/or any challenges that caused the dormancy.	- Increased awareness, protection and uptake of capital markets products and services - Increased uptake of capital markets products and services	Resource Persons and other CMA staff resources	Manager Investor Education & Public Awareness	
						- The department continued to update the feedback matrix				
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3		with other stakeholders	20 (5*4) ← ● →	20 (5*4)	- 1. Good Corporate Image - 2. Demonstrable success and value in Authority's initiatives - 3. Structures at the county level as a result of devolution - 4. Organised Kenyans in the diaspora through associations and their ability to remit substantial amounts to Kenya - 5. New products that are attractive to most of our partners; REITS, CIS, Derivatives, ETFs, ABS etc	- Held investor education and public awareness events in 4 counties besides Nairobi i.e. Mombasa, Kwale, Kirinyaga and Nakuru The department participated at the Dallas Diaspora event held in November 2019 as well as Facebook conference	- Increased visibility - Partnerships continue to improve coverage by the Authority; this is expected to further enhance participation in the capital markets. - Increased visibility within the Counties - Increased uptake on capital markets and products	- Reciprocal participation in other stakeholders initiatives - Continuous investor	Manager Investor Education & Public Awareness
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		on derivatives, one-on-one		
		meetings, Facebook		
		conference and other social		

media strategies.

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NO	Factor	External/Internal	Related Risk Event	Changes in Risk Profile	Directorate
1	Need to leverage social media to drive market deepening initiatives	external		The proliferation of internet-enabled mobile devices has led to the rapid development of social networking sites and media pages, resulting in a continued reconfiguration of ways by Organizations and companies to access and relay information and market products and services to individuals or groups.	DRPS
2	Emergence of Crypto-CFDs and application to test within the Regulatory Sandbox framework	external	Inability to leverage the Regulatory Sandbox to promote market deepening	This has catalyzed the risk on the inability to utilize the Regulatory Sandbox to promote the development and growth of the local capital markets. Further, this curtails the protection of investor funds and interests.	DRPS
3	Emergence of Digital platforms and schemes purporting to be licensed Capital Markets Online Forex Platforms	external		In a bid to enhance investor protection and the fair treatment of customers, Capital Markets Authority (CMA) cautioned the public against participating in Online Forex Trading through Interweb Global Fortune and its director Mr. Manasseh Kuria Karanja.	DRPS
4	Macroeconomic factors with respect to the general economic slowdown within the financial sectors. In addition, several profit warnings by listed companies resulted in low investor confidence during the reporting period	external	Exit of existing listed companies and market intermediaries through delistings and de-licensing	This trend has the potential to increase the risk of failure of intermediaries and listed companies resulting in low investor confidence.	DRPS
5	As part of demarcation between Investor Education and Public Awareness as well as Market Deepening. More emphasis on product uptake will be taken up by Market Deepening.	internal	Ineffective investor education strategy	The department will continue to collaborate with Market Deepening to achieve results.	DRPS
NO	Factor	External/Internal	Related Risk Event	Changes in Risk Profile	Directorate

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ľ	10	Factor	External/Internal	Related Risk Event	Changes in Risk Profile	Directorate
6		Tough economic condition that has led to several licensed entities not meeting minimum financial requirements	external	statements and	The rating has not materially increase because of extensions that have been granted to the licensed entities to come to compliance	DMO
1	10	Factor	External/Internal	Related Risk Event	Changes in Risk Profile	Directorate

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Lessons Learnt

NC	NOStrategies That Worked Well Direct					
1	Consistent and timely engagement with stakeholders as informed by market intelligence on policy issues i.e We wrote to the EAC on time in relation	DRPS				
1	to changing the earlier amendment of Sections 611 and 615 of the of the Companies Act.	DRPS				
2	NSE CDSC System upgrades contributed to enhanced participation of investors and increased activity.	DRPS				
3	Enhanced strategic partnerships with key institutions such as KAM, ISK, KIP to promote investor education and market deepening	DRPS				
4	The Authority submitted the 2020/21 policy proposals that were anchored on the theme "Enhancing Capital Market Deepening in Kenya'.	DRPS				
	Companies that list under the Nairobi Securities Exchange's GEMS program for the next three years can be forgiven tax penalties and interest, provided	1				
5	they pay the principal amount. This move to encourage listing at the NSE became effective in November 2019. But if they delist within five years, that	DRPS				
	window lapses and all taxes due before listing will again become payable.					
6	Real Estate Investment Trusts (REIT's), which were exempt from corporate tax are now also exempt from income tax.	DRPS				
7	Development of the Recovery Board Opinion editorial and the pursuit to realize the instition of a Recovery Board in Kenya's Capital Markets.	DRPS				
	CMA-NSE Shengzen forum. The NSE and Shengzen exchanges hosted and launched for the first time a joint investor forum dubbed the China-Kenya					
8	Capital Market Service Initiative Forum (the "China-Kenya Initiative"). The forum aimed at linking Micro, Small and Medium Enterprises (MSMEs)	DRPS				
	sector in Kenya to investors in Shenzhen to allow a capital formation platform on a larger scale.					
9	Kenya's improvement of five positions to 56 globally on attractiveness to investors	DRPS				
	Although face to face engagements are effective towards achieving results and demonstrating impact in the short, medium to long term, the					
10	department leveraged more technology for increased outreach while saving costs specifically during the World Investor Week such as a Facebook	DRPS				
	Conference, infographics on Social Media, Crossword Puzzle and the Scavenger Hunt Competition.					
11	During the quarter, engagement with market intermediaries provided opportunity for amicable resolution of several client complaints, without the	DMO				
11	Authority resorting to harsh adminsitrative action.	DIVIO				
	Market intermediaries have expressed willingness to meet with the Authority on highlighted areas of regulatory concern and provided explanations,					
12	clarification on challenging areas as well as proposed road maps for rectification of issues such as corporate governance requirements, client account	DMO				
	deficit and liquid capital deficit					
NC	OStrategies That Did Not Work					
1	Negative publicity associated with Cytonn Asset Management's Constitutional Petition filed against the Capital Markets Authority	DRPS				
2	Leveraging Ibuka platform to promote listings in the capital markets	DRPS				
2	Leveraging the Capital Markets to fund Big 4 Agenda related projects. Kenyan Government spending anticipated to increase as Kenya implements the	DRPS				
3	"Big Four Agenda" infrastructure projects, while upbeat private consumption should further support the expansion.	DKrs				
NC	Near Misses	Directorate				

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NO	Near Misses	Directorate	
1	Despite engagement with KDIC on amendments to the KDI Act especially where there were clear typo's hit a snag with them opposing any change to their act. The CE to engage KDIC CEO on the same.	DRPS	
2	Interweb Global Fortune's illegally collecting investor funds while promising high returns or dividends, which were not realistically available through credible investment products.	DRPS	

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Crystallized Risks

No	The Event	Impact	Root Causes	Corrective Action Plans	Lessons Learnt	Directorate
1	On boarding of five years' worth of projects into nine (9) months before closure of the FSSP project.	During the planning phase of the projects, the Authority had to provide the project teams and it was clearly seen that resource balancing is a challenge as we are running with the same staff compliment in the different departments for the projects that are running concurrently. The timelines for the projects to be	(9) months of the	Executive and the Board has written to the National Treasury and the World Bank seeking an extension on the timelines for the FSSP projects to ensure the quality of the projects implemented is not compromised due to rushing of the same. The project management team has also carried out resource planning for the running projects to ensure some kind of relief on the core team members especially from the ICT department to try and minimize burnout to the team.	currently does not have the capacity to run all these projects concurrently, however the Authority could consider internal funding of projects to	CES OFFICE
2	Resignation of a highly trained and skilled staff member in the department who is yet to be replaced	Decrease in the overall skill set in the department and overload of the other staff as his work had to be spread to the remaining staff members	Decreased morale due to stagnation at the same level for a long time and better opportunities in the market.	Proposal to replace the staff member	There is need to motivate the remaining staff members	DMO

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N	No The Event	Impact	Root Causes	Corrective Action Plans	Lessons Learnt	Directorate
3	Fire suppression system gas release	Inability to suppress potential fire in the data center before refill of the cylinders	Accidental triggering of the gas during shutdown of the fire suppression	Procurement of the fire suppression gas	1. Need for a refresher on how to manage the fire suppression system (shutdown and startup procedure) 2.	DCS
4	The Money Market Funds under one Fund Manager risks being totally wiped out due to investment in an institutions that have gone burst and another institution that is incapable of paying back the interest and principal	Loss to investors	Poor investment decisions and delay in impairing investments that are is no longer collectible	1.Fund managers to make full disclosures about the investments to unit holders and potential unit holders 2. Fund managers need to constantly access their investments and impair investment upon any default on interest or principle	adequate sensitive fund managers to monitor risk appetite	DMO
5	conditions for grant of the licenses and seeking several extensions to comply	Having Licensees in the market that do not meet minimum licensing requirements	Lack of commitment by licensed entities	Decline to grant license to applicants who do not meet minimum financial requirements	Some licensees tend to abuse extensions given to come to compliance	DMO
6	Authority setting aside enforcement	The enforcement action taken against Aly Khan Satchu set aside	The court held that the Authority was biased in its process and therefore did not accord a fair hearing	1. An appeal has been lodged at the Court of Appeal against the judgement of the	The Authority to seek opportunity to training judiciary regarding the operations of the securities regulator and mode of operations	DMO
7	Authority with respect to the enforcement action taken for the Fund Manager to	taken by the Authority has been stayed.	not agree with the	The Authority to present a robust defense to ensure that its decision taken to protect investors' interests is upheld.	consider a mediatory	DMO

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N	o The Event	Impact	Root Causes	Corrective Action Plans	Lessons Learnt	Directorate
8	civil appeal case 44 of 2019 Satchu vs	Loss of value for money 2. Non compliance to procurement procedures	Urgency of need from the User to handle the cases	1. Ensure due procurement process es are followed for fully approved requisitions 2. Sensitization on the appropriate procurement processes 3. Adoption of framework contracting for frequently used services	adequate training of	DCS
9	Clear timetable has not been issued in relation to the following; 1. Convening of a Taskforce Workshop to incorporate comments of National Assembly	Delayed gazzetement of WRS Regulations leading to delayed operationalization of structured trading of commodities in Kenya	evidence suggests	CMA to engage Ministry of Agriculture on way foward	Need to review mode of engagement with Ministry of Agriculture by engaging the National Treasury to advocate for their progression.	CES OFFICE

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N	o'	The Event	Impact	Root Causes	Corrective Action Plans	Lessons Learnt	Directorate
10	0	with the unfortunate event where the trustee for its CIS resigned. The CIS has	This exposes investors to lack of proper oversight over their CIS investments.	trustees, all banks, in the market seem to	The CMA to continue to hold engagements with the existing trustees and fund managers, on how to ensure that there are no gaps in ensuring oversight of the CIS.	carefully review the	CES OFFICE

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No	The Event	Impact	Root Causes	Corrective Action Plans	Lessons Learnt	Directorate
11	Amana Capital is faced with a liquidity crisis as a result of inability to meet unit holder claims and liabilities, which was occasioned by investment in Nakumatt Holdings Ltd Commercial Paper and Jamii Bora Fixed Deposit Accounts.	A payment crisis has resulted, due to inability by the firm to meet unitholder claims.	direct result of the poor investment decisions taken by the firm, i.e. chasing yield at the expense of the fiduciary duty of	1. To avert a payment crisis, the firm needs to be urgently recapitalized and outstanding unit holder claims should be paid. 2. The company needs to provide a complete reconciliation of client funds matching total client assets with total client liabilities and an explanation of any differences arising due to pricing revaluations and losses due to bad investments. 3. Jamii Bora Bank (JBB) Ltd to be required to commit to a schedule of fixed payments to materially reduce unit holder claims on their underlying investment in a Fixed deposit account with JBB. 4. Consider culpability of directors and key personnel of Amana Capital Limited and take necessary enforcement action.	personnel within these entities should	CES OFFICE

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N	The Event	Impact	Root Causes	Corrective Action Plans	Lessons Learnt	Directorate
122	CDSC transition from MIT system to Perago to the new system on 14th October 2019. Following transition to the new Perago system, CSDC encountered post go-live challenges including; Concerns in relation to reconciliation of the shareholder register raised by registrars especially Safaricom shareholders' register within 10 working days from the end of October. Although in Q3, an incident occurred on 8th January 2020, involving a delay in sending the holdings file for the 7th Jan 2020 to brokers to allow them validate client holding balances. The file which ought to have been sent to the trading participants prior to the trading session on 8 Jan 2020 was availed at 1pm.	confirm the accuracy of shareholders registers in readiness for corporate actions that may have arisen. Interruption of trading activities for 4hrs for most brokers anon 8th January 2020. In the case	Slow pace of resolution of emerging issues by CDSC.	system included several conditions such as audit of the shares under CDSC custody post go-live. Continuous engagement of CDSC management towards resolution of the identified new system challenges. CDSC to consider beefing up its ICT capacity.	continued capacity	CES OFFICE

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