

PERFORMANCE OVERVIEW Q1 2022

April 14, 2022 Almaty



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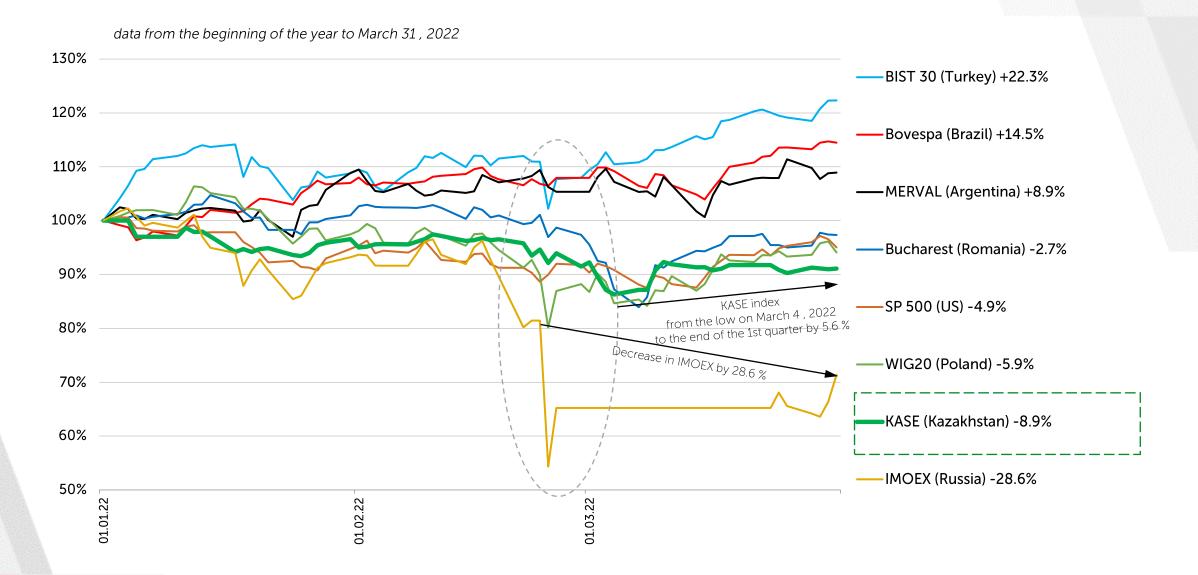
Summary of results

Key projects of KASE and events

K SE

KASE Index and global stock indices

K SE

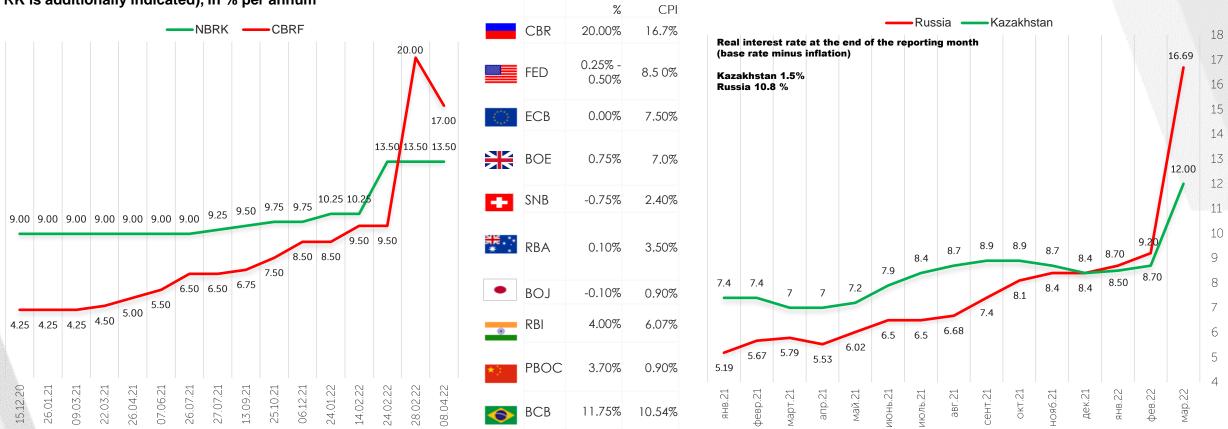


Dynamics of changes in the base rate and CPI



Base rate in Kazakhstan over time (the base rate of the Central Bank of the RF at the time of the change in the base rate in the RK is additionally indicated), in % per annum Interest rates and inflation rates of other countries of the world

Annual inflation in Kazakhstan over time (annual inflation in the RF is indicated for comparison), in %



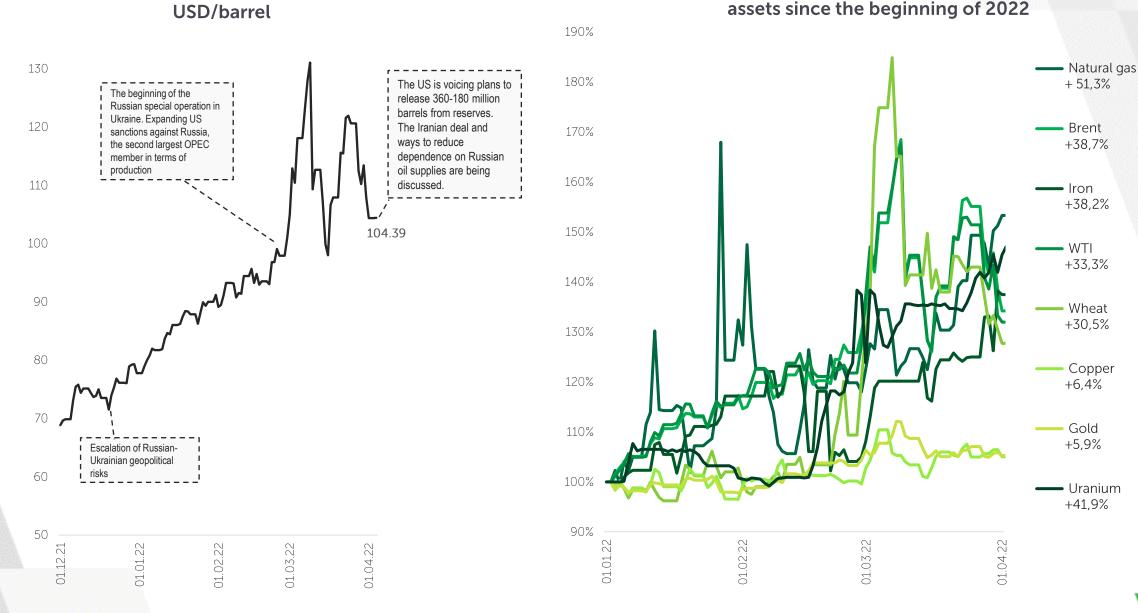
- US Federal Reserve on March 16 decided to start a cycle of raising the base rate from an increase of 25 b.p. to 0.25-0.5%;
- ECB on March 10 announced the accelerated program of winding up its Pandemic Emergency Purchase Programme (PEPP) by March 2022;
- The Bank of England three times raised the rate by 25 b.p. (December 16, February 3, March 16). The current rate of 0.75% is in line with the pre-pandemic level;
- The Central Bank of China continues its easing policy. The rate for 1 year was reduced by 5 b.p. in December and 10 b.p. in January. The 5-year rate was cut by 5 b.p. in January;
- The Central Bank of the Russian Federation decided to raise the key rate to 20%. On March 18, it decided to keep the rate at 20%. Since April 11, the key rate has been reduced to 17%.

Inflation of underlying assets

Brent oil price



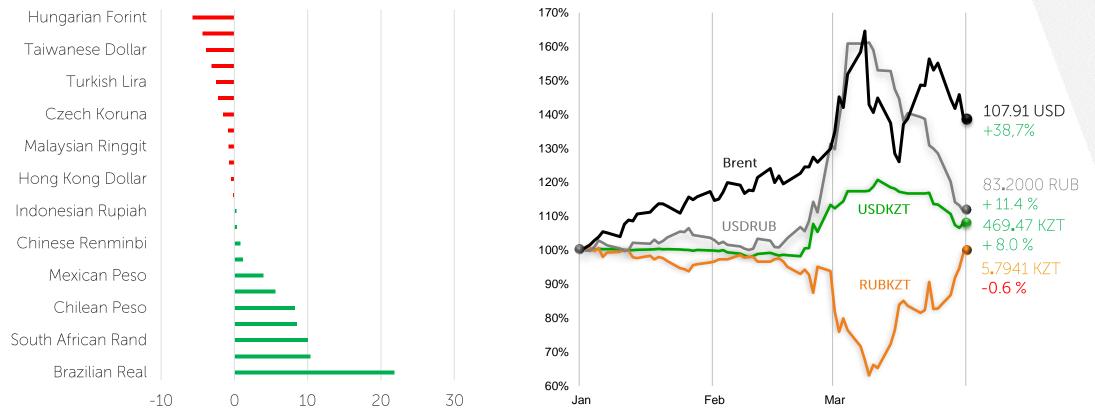
Changes in the dynamics of the value of underlying assets since the beginning of 2022



Exchange rate timeline

K SE

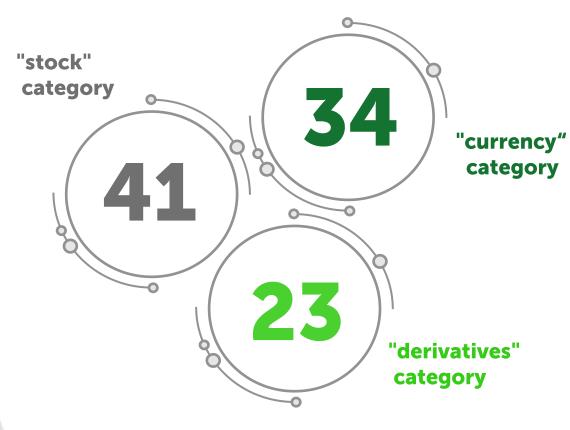
Change in the value of currencies of emerging markets since the beginning of 2022,%



Change in RUB/KZT, USD/KZT, USD/RUB exchange rate dynamics in comparison with oil price dynamics, %

- The exchange rate of the Russian ruble against the US dollar strengthened in late March-early April against the background of progress in Russian-Ukrainian negotiations, the introduction of a requirement to pay for gas supplies to the Russian Federation in rubles, and restrictions by the Central Bank of the Russian Federation on capital outflows
- The exchange rate of the Kazakh tenge against the US dollar in late March-early April strengthened against the background of a number of significant events in the foreign exchange market. Negotiations between Russia and Ukraine continue online, both sides note progress.
- **Oil** in late March-early April shows a negative trend against the background of the US announcement of its intention to send 1 million barrels of oil per day from the strategic reserve, as well as to increase the number of wells.

Members of the Exchange



The following companies were granted KASE membership in 2022:

by "currency" category

УНИВЕР



by "stock" category



51 Total, including:



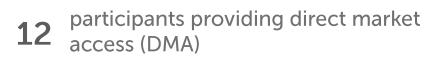
brokerage companies (out of 21) residents of the Republic of Kazakhstan

46 local members

4 foreign participants (ALFA-BANK, IC "Freedom Finance" LLC, Raiffeisenbank, UNIVER Capital)

2 MFI

21



Those suspended from trading in 2(TTB 🔆 СБЕР 🛕 Альфа-Банк

- in securities denominated in USD and EUR , as well as securities with settlements in USD and EUR
- repo and swap transactions
- in US dollars and euros in the foreign exchange market

A ban has been imposed on holding special trading sessions on offering of bonds of these banks in the Exchange's trading system = VTB © CEEP A Andrea- Game

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trading volume from 35.6 to 60.4 trln tenge

x2.6

volume of trading in the secondary government securities market

from 199.5 to 518.4 bn tenge

+44%

volume of trading on the market foreign currencies from 3.1 to 4.4 trln tenge



volume of trading in the money market

from 30.9 up to 54.5 trln tenge





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decrease in KASE Index from 3,675.28 to 3,348.63 points



equity market capitalization from 28.8 to 23.3 trln tenge



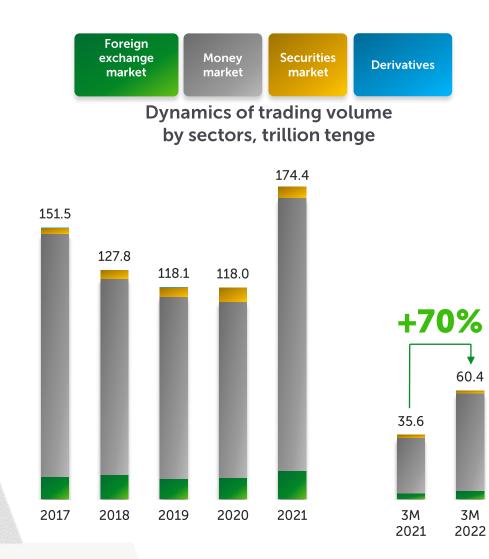
new accounts opened by individuals as of 01.04.22 313 thousand accounts in the CSD



KASE Markets:



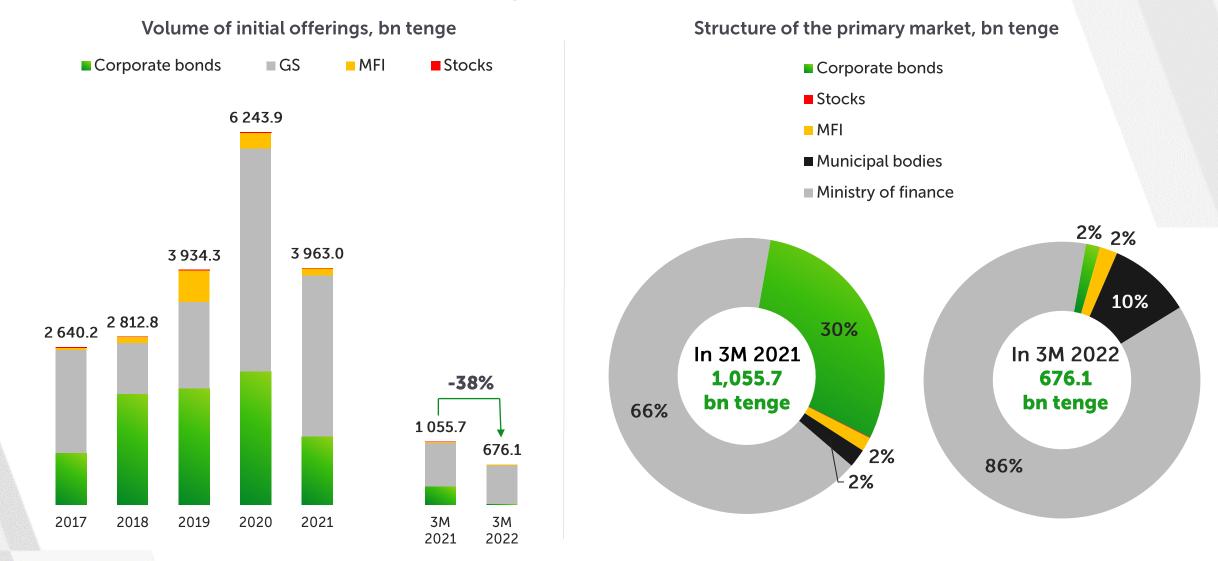
a significant increase in the volume of trading in the money and currency markets, a decrease in the volume in the stock market







Capital raising market: Decrease in the volume of initial offerings in all markets





In trading lists there are 1,396 instruments, including 887 securities, 252 instruments on the T+ list in 3M 2022 - 17 securities, -16 instruments on the T+ list

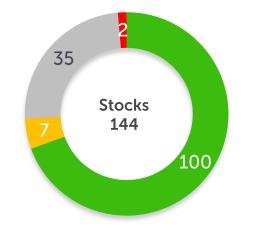
Money market **Currency market Stock market** Derivatives Stock Bonds Other securities Futures Swap transactions Spot **IPO / Auctions** Auctions Secondary market RUBKZT RUBKZT **KASE Index Central Bank** Repurchase Secondary market USDKZT USDKZT USDKZT investment funds Secondary market GS of MF RK CNYKZT **CNYKZT** From July 7, 2021: **ETFs** EURKZT EURKZT **KZAP Major companies Municipal bonds HSBK** SME **EURUSD** Auto repo Notes of NBRK **Double listing** GS of foreign states **Stocks** GDR Bonds **Corporate bonds GS** basket IFI bonds* 192 55 5 20 473 16 20 111 504 Calculations T+2 T+2 T+2 from T+1 to T+1Y T+0 T+1W from T+0 to T+90 T+1 T+1M T+0 – illiquid T+0 – illiquid T+0 securities securities T+2 T+3M T+6M

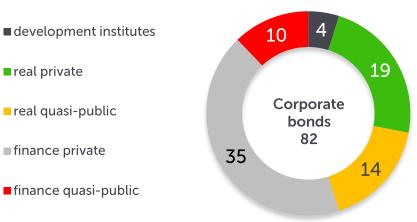
as of April 1, 2022

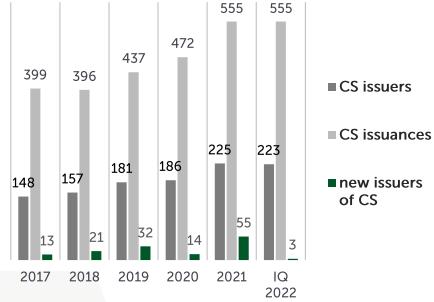
KASE official list:











11 instruments of 9 issuers, including three instruments or three new issuers,

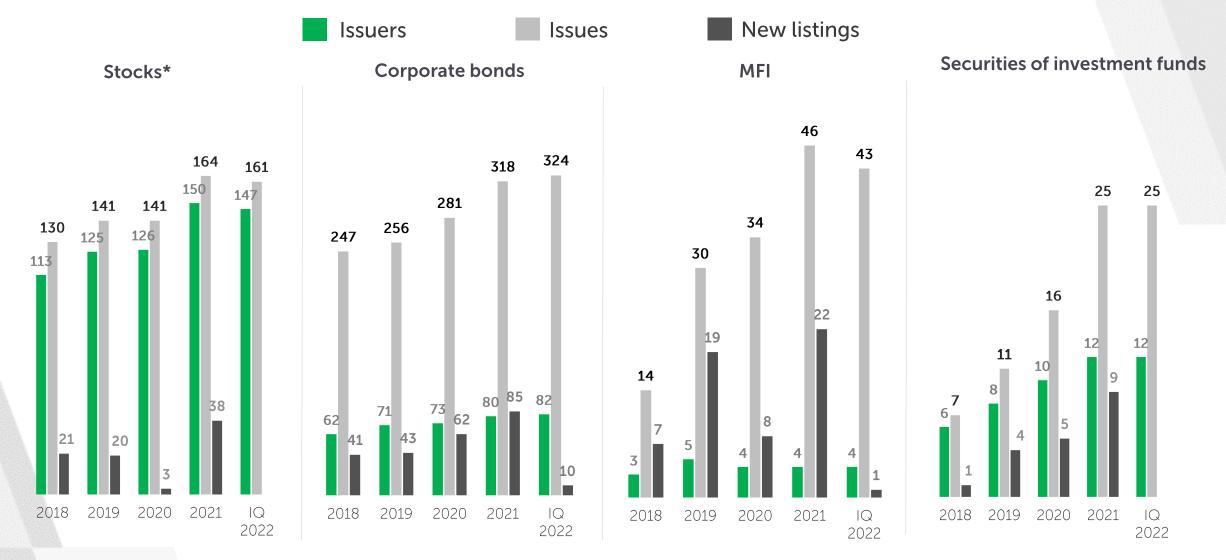
were included in the official list in the first quarter of 2022

- BCC Invest JSC a subsidiary of Bank CenterCredit JSC
- National Company Food Contract Corporation JSC
- Subsidiary Bank "Alfa-Bank" JSC
- Subsidiary bank "Home Credit and Finance Bank" JSC

- TechnoLeasing LLP
- MFO "Kapitalinvest" LLP
- MFO "Arnur Credit" LLP
- SilkNetCom LLP
- Asian Development Bank

* securities of international financial organizations Source: KASE **K** SE

Dynamics of KASE lists by sector: 11 instruments of 9 issuers were included



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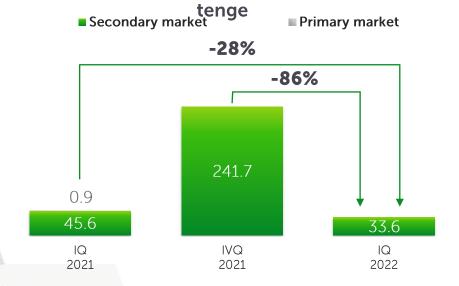
K SE

Stock market: decline in trading volume

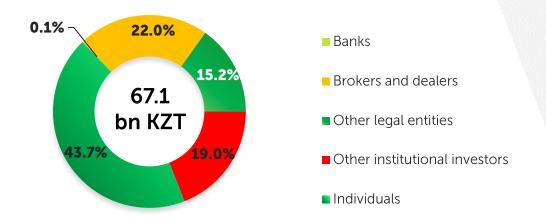
Key facts and figures

- market capitalization as of April 1, 2022 ~ 23.3 trln KZT
- average daily trading volume in 3M 2022 ~ 600 mln KZT
- average daily volume of trading of KASE Index shares in 3M 2022 ~ 403 mln KZT
- average daily number of transactions in 3M 2022 ~ 2,230
 transactions
- average volume of one deal in 3M 2022 ~ 270 th. KZT
- Since March 1, trading in 9 shares of Russian companies has been suspended

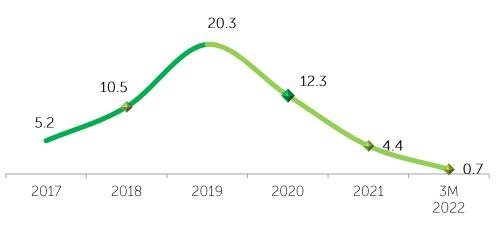
Volume of transactions on the stock market, billion



Investor structure in 3M 2022*



Share of non-residents in total gross turnover**, %



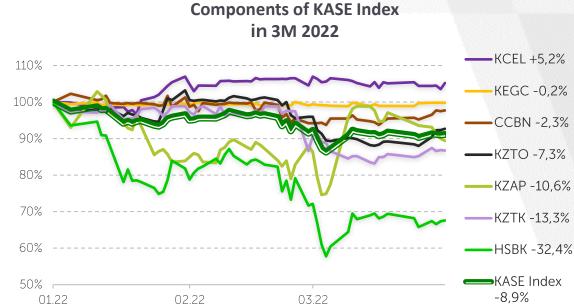
* of the total gross turnover of trading in shares in the secondary market, excluding major transactions and irregular transactions



Dynamics of KASE and MOEX indices

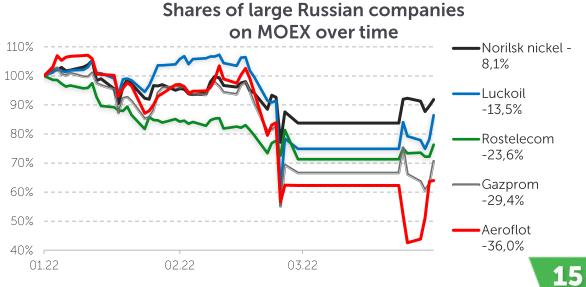
KASE Index in 2022





MOEX Index in 2022



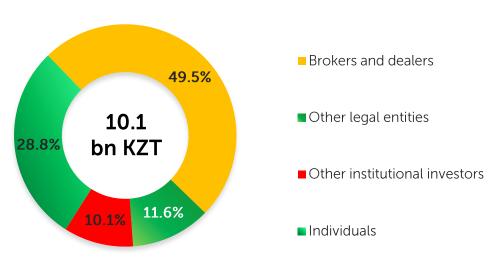


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KASE Global

Key facts and figures

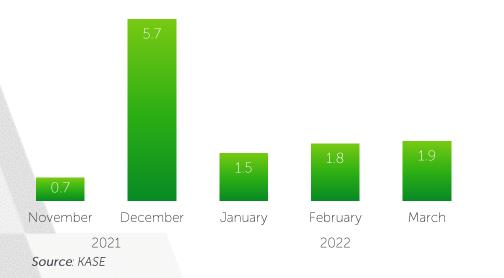
- On November 15, a new sector called "KASE Global" was launched, intended for circulation of shares of foreign issuers
- shares of 43 titles are available for trading
- average daily trading volume in 3M 2022 ~ **92 million KZT**
- average daily number of transactions in 3M 2022 ~ 143
- average volume of one deal in 3M 2022 ~ 642 th. KZT
- settlement schemes T+0, T+2
- trading in USD
- trading hours: **11:20 22:00**



Top 5 most popular shares of KASE Global sector based on the results of 3M 2022



Trading volume, billion tenge



Investor structure in 3M 2021*

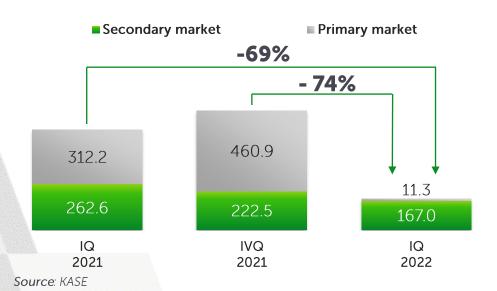


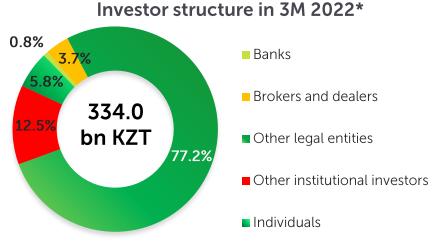
Corporate bond market: decline in trading volume

Key facts and figures

- volume of corporate debt in circulation as of April 1, 2022 –
 14.8 trln KZT
- average daily trading volume in 3M 2022 ~ **3.2 bn KZT**
- average volume of one transaction in 3M 2022 ~ 58 mln KZT
- share of Eurobonds in total corporate debt ~ 43 %
- share of quasi-state in total corporate debt ~ 70 %
- Bonds KTZh Finance LLC have been suspended since March 1

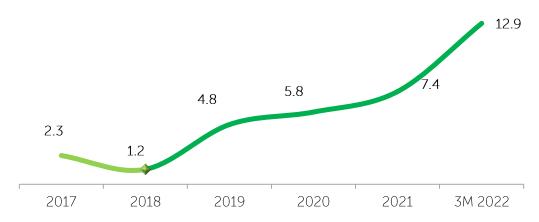
Volume of transactions in the corporate bond market, bn KZT





* of the total gross turnover of trading in corporate bonds on the secondary market

Share of non-residents in gross turnover**, %



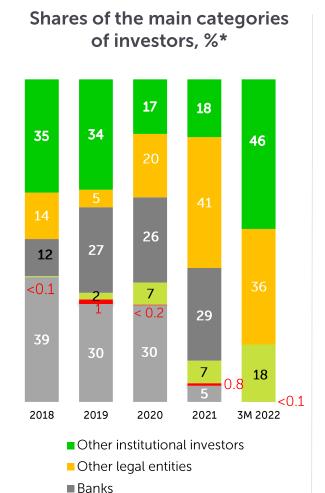
** of the total gross turnover of trades in corporate bonds, position of the initiator of special trades is excluded from the calculation

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Primary corporate bond market: yield from 10.3% to 20.0% per annum

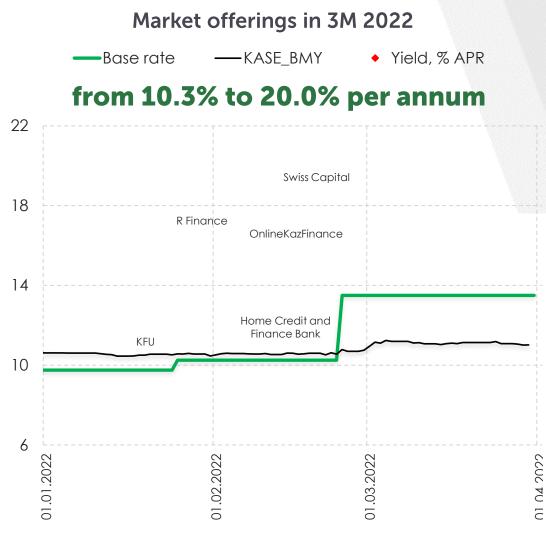
	2021*	3M 2022*
Number of issuers	31	5
INCL.:		
quasi-state companies and development institutions	13	1
private non-financial companies	3	0
private financial companies	15	4
Amount raised, bn KZT	1,042.4	10.0
INCL.:		
quasi-state companies and development institutions	808.1	1.8
private non-financial companies	10.7	-
private financial companies	188.6	8.2

* excluding non-market placements



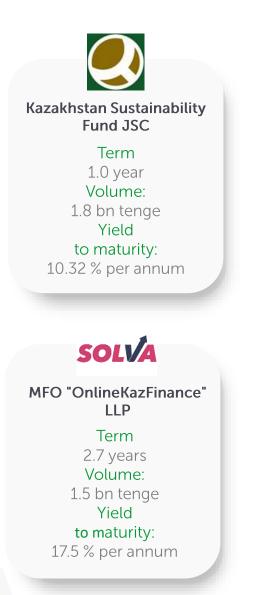
Brokers and dealers

IndividualsUAPF



Corporate bond offerings in IQ 2022







Subsidiary bank "Home Credit and Finance Bank" JSC Term 2.0 - 3.0 years Volume: 4.8 / 1.4 bn tenge Yield to maturity: 12.80 % per annum

swisscapital

MFO "Swiss Capital" LLP

Term 2.7 years _ Volume: 504.7 mln tenge Yield to maturity: 19.99% per annum

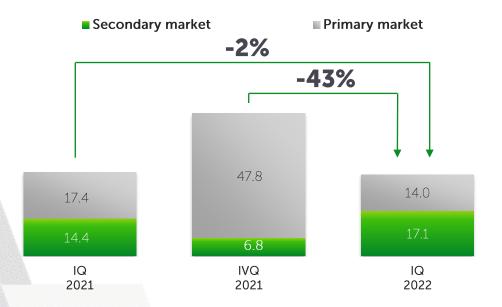


Bonds of international financial institutions (IFIs)

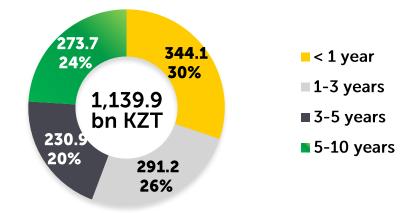
Key facts and figures

- 43 bond issues of 4 organizations were in KASE official list as of April 1, 2022
- average daily trading volume in 3M 2022 ~ 555 mln KZT
- average volume of one transaction in 3M 2022 ~ **324 mln KZT**
- design schemes **T+0, T+2**
- trading in KZT and USD

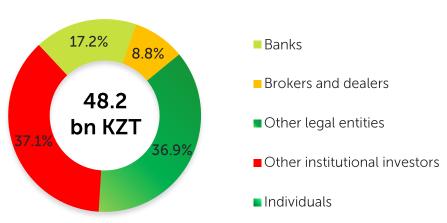
Volume of transactions in the market of securities of international financial institutions, KZT bn



Debt structure of IFI bonds in circulation by maturity*



* data are presented as of April 1, 2022 at par value



** of the total gross turnover of trades of MFIs, the position of the initiator of special trades is excluded from the calculation

Investor structure in 3M 2022**



Government securities market:

2.6 time growth of secondary trading in 1Q 2022 to 1Q 2021

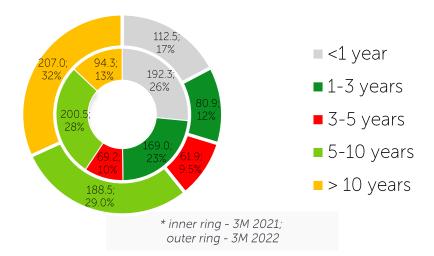
Key facts and figures

- as of April 1, 2022, the amount of public debt traded on KASE was 17.3 trln tenge (~ 80% of total public debt)
- the largest share (~ 30 %) of the outstanding tenge-denominated debt of the Ministry of Finance falls on long-term bonds (15 years)
- yield on placements of tenge-denominated bonds of the Ministry of Finance in 2022 10.21-14.00 % per annum
- from February 25 trading in bonds of three issues of the Ministry of Finance of Ukraine was suspended
- Trading in bonds of three issues of the Ministry of Finance of the Russian Federation has been suspended since March 2

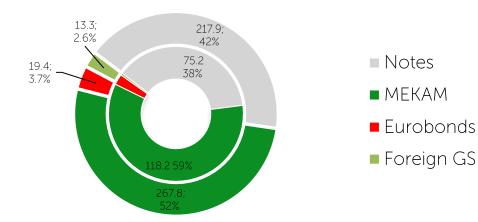
Volume of transactions in the GS market, bn tenge



Structure of GS offerings in the primary market by maturity, bn KZT*



Volume of the secondary GS market on KASE by instrument, bn KZT *

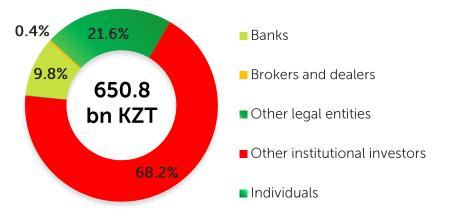


Source: KASE

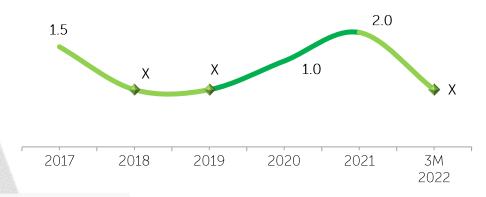
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Investor base of the GS securities market: ~ 9.2% - the share of non-residents in the secondary trading

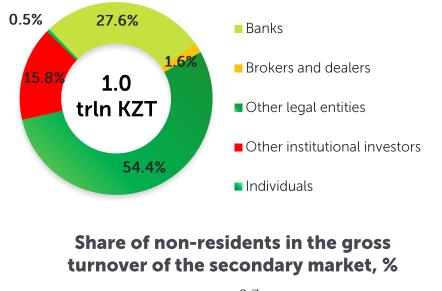


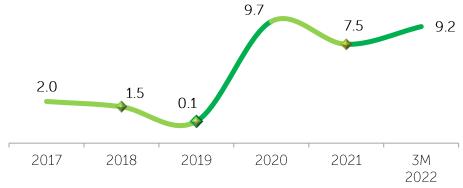


Share of non-residents in the gross turnover of the primary market, %

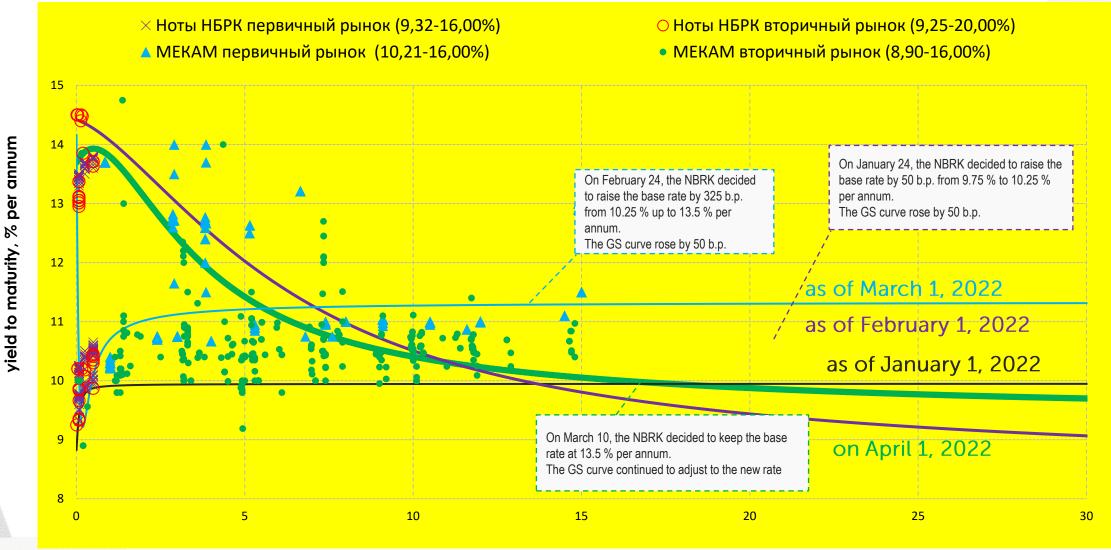


Structure of investors in the secondary market in 3M 2022





GS yield in 3M 2022 and GS yield curve for MEKAM offerings – from 10.21% to 14.00% per annum



K▲SE



Investment funds securities market

Key facts and figures

- As of April 1, 2022, there were 19 mutual investment funds Ŧ managed by 6 management companies and 6 ETFs on KASE official list
- average daily trading volume in 3M 2022 ~ 69 mln KZT Ŧ
- 4 average daily number of transactions in 3M 2022 ~ 95
- average volume of one transaction in 3M 2022 ~ 721 th. KZT
- As of March 1, trading in **3 mutual funds managed by a Russian** company has been suspended

Volume of transactions in investment funds securities, bn tenge

-78%



* of the total gross turnover of trading in investment funds Source: KASE

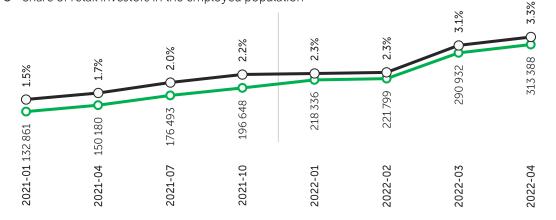


Investor structure in 3M 2022*

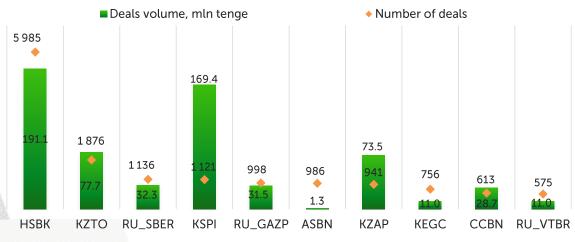
Growth in the number of retail investors: 313.4 th. accounts ~ 291 th. individuals

Number of individual trading accounts in the CSD

- Trading accounts
- -O-Share of retail investors in the employed population



Top 10 most popular assets to buy among new retail investors in 3M 2022

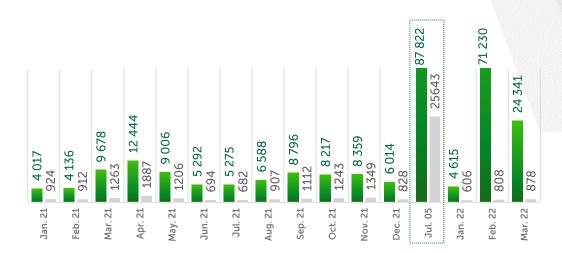


Source: KASE, Central Securities Depository of Kazakhstan, Statistics Committee of the Ministry of National Economy of the Republic of Kazakhstan



+95,052 increase in accounts in 3M 2022

Individuals who have made at least one deal since opening

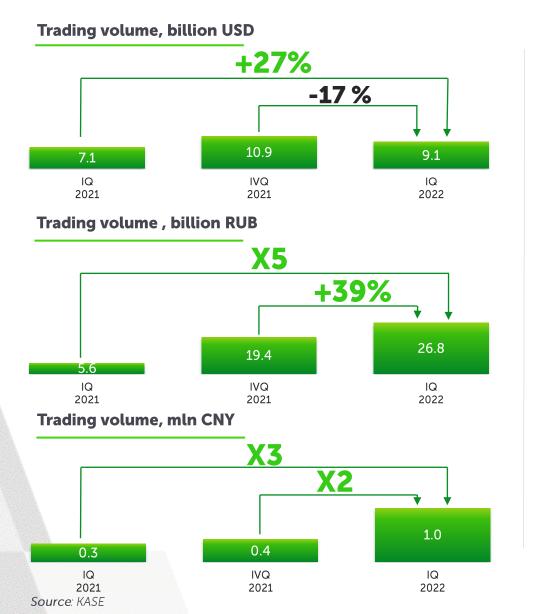


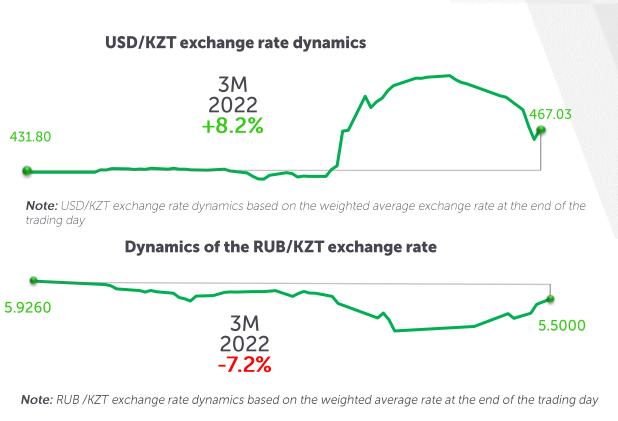
Active accounts of individuals in the stock market





Foreign currencies: volume RUB/KZT X5, CNY/KZT X3





Dynamics of the CNY/KZT exchange rate



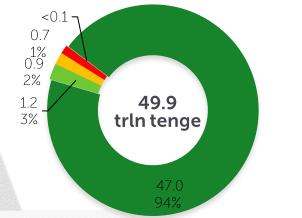
Note: dynamics of the CNY/KZT rate based on the weighted average rate at the end of the trading day

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Money market: 77% increase in trading volume



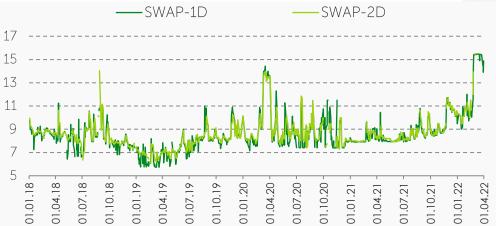
Repo market instruments, trln KZT



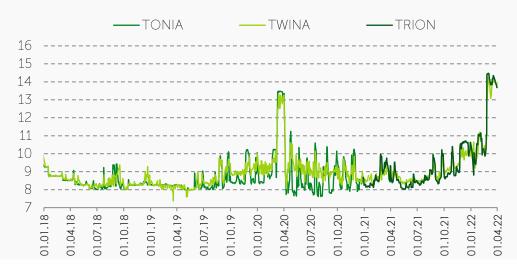
- Autorepo with GS basket
- Autorepo with BISP basket
- Autorepo with foreign GS
- Autorepo with CS
- Nego repo with CS
- Nego repo with GS



Swap market indicators, % per annum



Repo indicators, % per annum





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Measures taken by the Exchange in IQ 2022

- 05.01 Trades were carried out in the usual mode. The Exchange made a transition to a direct connection with the CSD through the FASTI channel, which made it possible to complete clearing and settlement even after the Internet was disconnected
- 06.01 ARDFM and the NBRK jointly decided to temporarily suspend the activities of all financial market entities
- 10.01 Trades on the Exchange were conducted only on the securities market on repo transactions and purchase and sale transactions with government securities denominated in tenge with a shortened trading procedure. No trades were conducted on the currency and futures markets
- **11.01** Trading on the securities market was resumed in all securities and repo transactions with a shortened trading procedure
- **12.01** Trading on the foreign exchange market has been resumed in all foreign currencies with a shortened trading procedure
- **13.01** Trading on the derivatives market has been resumed with a shortened trading schedule
- 24.01 The usual schedule of trading, clearing and settlements on all markets has been resumed. Extension of the term for submission of periodic reports by membersof the Exchange without applying penalties to them
- 25.01 Interest rate risk-parameters for financial instruments of the securities and currency marketsRevised

- from 25.02 The Exchange monitors on a daily basis the sufficiency of initial margin rates and concentration rates and conducts stress testing according to the CCP model. Measures are promptly taken to increase the initial margin rates for securities and currency market instruments, if necessary, certain securities are excluded from the T+ list and the T+ collateral list
 - **28.02** OFZ RF/RF Eurobonds, corporate securities of Russian issuers were excluded from the Collateral List T+
 - **01.03** Trading in OFZ RF/RF Eurobonds, government securities of the Ministry of Finance of the Republic of Ukraine, corporate securities of Russian issuers has been suspended
 - 04.03 OFZ RF/RF Eurobonds, corporate securities of Russian issuers were excluded from T+2 and transferred to T+0
 - **09.03** Trades in the USDKZT_TOM instrument were carried out using the Frankfurt auction method

CONTENTS

- Summary of results
- Key projects of KASE and events

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Key projects for 2022

- **Conducting IPOs** of national companies
- Development of the KASE Global sector: increase in the number of traded instruments, consideration of the possibility of establishing a link with another exchange platform
- Increasing the liquidity of exchange markets for Kazakhstan's shares, foreign securities, government securities, derivatives by attracting marketmakers under sponsored market- making programs
- Attracting retail investors: conducting training, developing a mobile application, developing and implementing a digital marketing strategy
- **Development of the ESG direction of financing** and sustainability reporting
- **Creation of a trading and clearing link for the** RUB/KZT
- ▲ Implementation of General collateral certificates (GCC)
- **Attracting SMEs to the securities market**
- Separation of the settlement and clearing functionality and the functionality of the central counterparty into a separate organization and obtaining licenses by the newly created organization
- **Implementation of the automated surveillance system Scila Surveillance**
- Implementation of a new back-office system, including a market data storage and tools for their processing

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Indices and indicators of the government securities market



Goal

Launch: March 2022

Formation of the main benchmarks for the value of financial instruments in Kazakhstan's market

	-	\$
Annual Tuble semantic conversion	0	

Methodology

As a representative list for these indices, non-indexed GS of the Republic of Kazakhstan are used, which are included in KASE official list, have a fixed coupon rate and are denominated in tenge. The representative list of indices is segmented by maturity: less than one year (s), from one year to five years (m), from five years and more (l).

KASE calculates three series of indices for short-term, medium-term and long-term securities



Types of indexes

Each index series includes:

- KZGB_CP price index of "clean" GS prices, calculated at prices excluding accumulated and unpaid coupon interest;
- KZGB_DP total income price index, i.e. prices including accrued coupon and reinvested coupon payment;
- KZGB_Y yield index, expressed as a percentage per annum.

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IPO of national companies





Launch:

2022

Goal

Increasing the investment potential of Kazakh retail investors in the securities market, as well as expanding investment tools available to the population



Companies

AIR ASTANA JSC and NC "KazMunayGas" JSC

Project Status

The Agency, together with interested parties, will develop approaches for conducting future IPOs of national companies

To ensure maximum coverage among the population and institutional investors, it is planned to conduct large-scale roadshows among a wide range of investors in all major cities and regions of Kazakhstan

On 15.02.22 KASE held KASE Talks with SWF "Samruk-Kazyna" JSC "On the eve of the IPO of Samruk- Kazyna JSC subsidiaries"

On 25.02.22 KASE held a webinar "Pro IPO: what you need to know and how to participate"



Launch of IRIS Finance





												🔮 Русский	У 🐣 Николае		аевич 🗸 🕁
	0.20 ▲ + 2 % TRION 9,25 ♥ - 0,15 %		TWINA	TWINA 8,85 🔺 + 0,05 % SWAP-1D (USD				JSD) 9,20 🔺 + 0,40 % SWAP-2D (USD)				36 🔺 +2,18			
		ekc KASE ①		USD/KZT_TOM 428,70 + 2.05 %			ent () L25 + 0, 15 %			вая ставка % + 40 б.п.		Инфляция 7,00 % + 96		Инфляция 7,00 % + 9	
	Wa	tchlist													
Watchlist														ой стакан	
													RU_UKFFipo		
			Торговый режим												
														128 900	134
														128 900	
														128 900 128 900	134
		CCBN		305,00 ÷	0,92	70 637	23,5	15,00	26 555.00	26 555.00	26 804.00	17:00		128 900	134
		като												128 900	
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		ASDBe4							26 555.00	26 555.00	26 804.00		134	128 900	

launch

In March 2022, the Exchange launched an updated browser-based version of the **IRIS Finance** information product

Benefits of IRIS Finance

- Unique content including market data, news and financial markets and more
- Real time broadcasting of market data
- Order book in real time
- Watchlist for convenient viewing of financial instruments of interest
- Updated responsive interface in light and dark versions with concise widgets with the most important information

Features of IRIS Finance

- Stock indices and indicators with convenient visualization
- Tracking quotes of relevant financial instruments in real time in Watchlist
- Tracking current and historical information about transactions and orders for all exchange markets
- Saving the desired news in a separate feed of favorite news

Increasing financial literacy



Retail Investor Financial Literacy Program

Implementation period – throughout 2022

- Conducting comprehensive training programs for retail ("My portfolio on KASE") and SMEs ("Raising financing on KASE") twice a year
- Video tutorials, Webinars on selected topics
- Holding a Retail Investor Competition
- Holding a competition "Exchange Simulator" for university students
- Launch of virtual trading to train individuals in exchange trading
- Training for traders and professional participants on derivatives market instruments

Development of the mobile application

Term of development and implementation: I stage – September 2022 II stage – December 2022

Development of modules for retail investors

- Stage I Modification of the training competition "Exchange Simulator"
 - "Selecting a Broker"
 - "Your own virtual portfolio"
- Stage II "Analytics and trends"
 - "My forecasts"
 - Learning modules

Exchange Events in IQ 2022

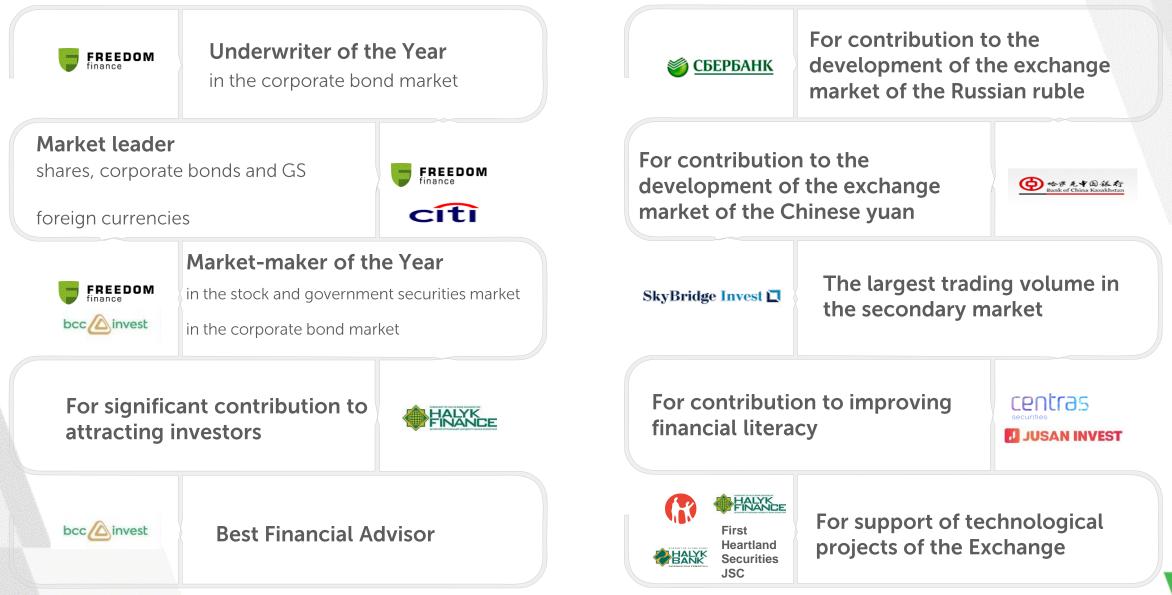


Directions	Events
Events for issuers	As part of the Issuer Day project, the Exchange held an online meeting with executives of Kcell JSC for investors and professional participants in the securities market
	As part of the Issuer Day project, the Exchange held an online meeting with excutives of the Asian Development Bank for investors and professional participants of the securities market
	As part of the Issuer Day project, the Exchange held an online meeting with executives of Kazakhtelecom JSC for investors and professional participants in the securities market
Events for	KASE held a webinar "Fundamentals of Investment Literacy" for novice retail investors.
investors	KASE held a webinar "Pro IPO: what you need to know and how to participate". The speakers of the webinar were Shynar Elubayeva, chief specialist of KASE's Issuer and Investor Relations Department, Sholpan Ainabayeva, Chairman of the Management Board of SkyBridge Invest, Mariya Pan, Director of the Sales Department of Halyk Finance.
	KASE together with the auditing and consulting company Ernst & Young held an online webinar on the topic: "Tax Declaration of Securities".
	Webinar "Stock market instruments for business" was held at the Atameken platform
Educational events	KASE held a webinar "Fundamentals of Investment Literacy" for novice retail investors.
ESG events	Kazakhstan Stock Exchange JSC (hereinafter – the Exchange, KASE) together with the International Financial Corporation (hereinafter – the IFC) held the annual Ring the Bell for Gender Equality, within which the conference "Gender Inclusion and Sustainable Development" was held.



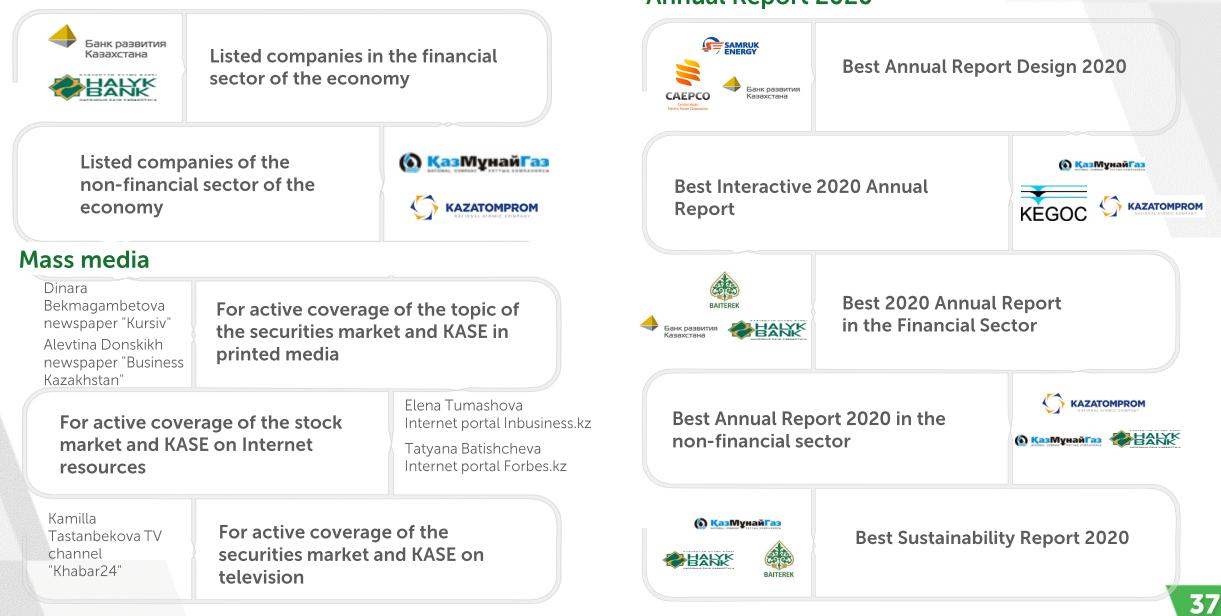
Annual awards based on the results of 2021 (1/2)

Members of the Exchange





Annual awards based on the results of 2021 (2/2) Issuers Annual Report 2020



KASE – Best Stock Exchange Central Asia 2022



KASE is recognized as the best stock exchange in Central Asia in 2022 according to the international award CFI.co Awards 2022

- The CFI.co Awards are established by Capital Finance International, one of the UK's leading printed media and online portals providing news and analysis of current trends in global markets.
- In its awards program, CFI.co magazine annually selects companies and individuals that offer the highest quality services and have the biggest impact on the industry.
- The geography of the international award covers the countries of Europe, North and Latin America, Africa, Southeast Asia, the Middle East, and encompasses such areas as IT technologies, ESG, innovations and more

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Thank you for your attention!

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