

October 2016

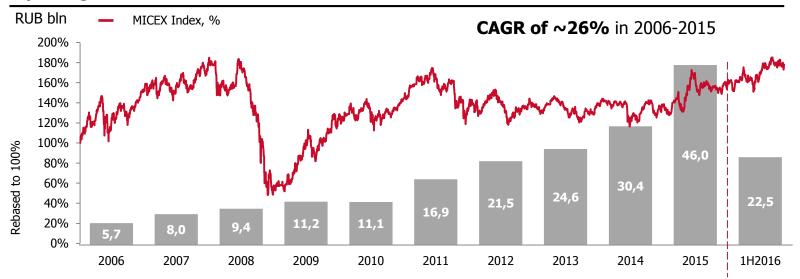
Investor presentation

- Recent developments
- 2 Dividend and free float update
- **3** Business overview
- 4 Our trading markets
- **5** 2Q 2016 financial results



### MOEX business model continues to deliver

### Operating income<sup>1</sup>

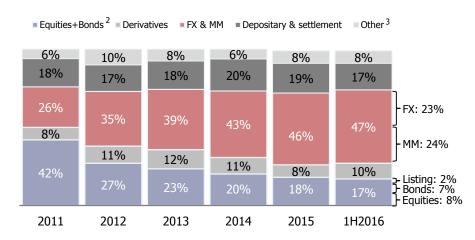


### **Key highlights**

**Unique business model** allows MOEX to increase operating income regardless of the stage of the economic cycle:

- **Business lines** are diversified, while markets have limited growth correlation
- Growth drivers differ across markets and products

### Fee & commission income evolution<sup>1</sup>



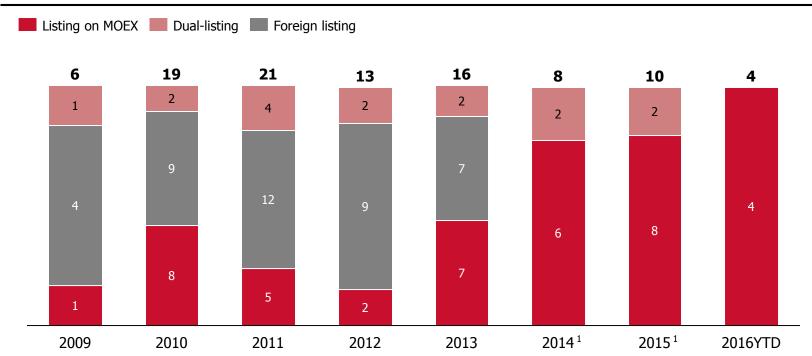


According to Moscow Exchange Consolidated Financial Statements for the relevant period

- RTS data is consolidated from June 29, 2011
- Includes other income related to securities market
- 3 Includes income from Information services & sale of software and other fee & commission income

# Shift towards local listings continued

### Number of IPO/SPOs/listings by Russian issuers

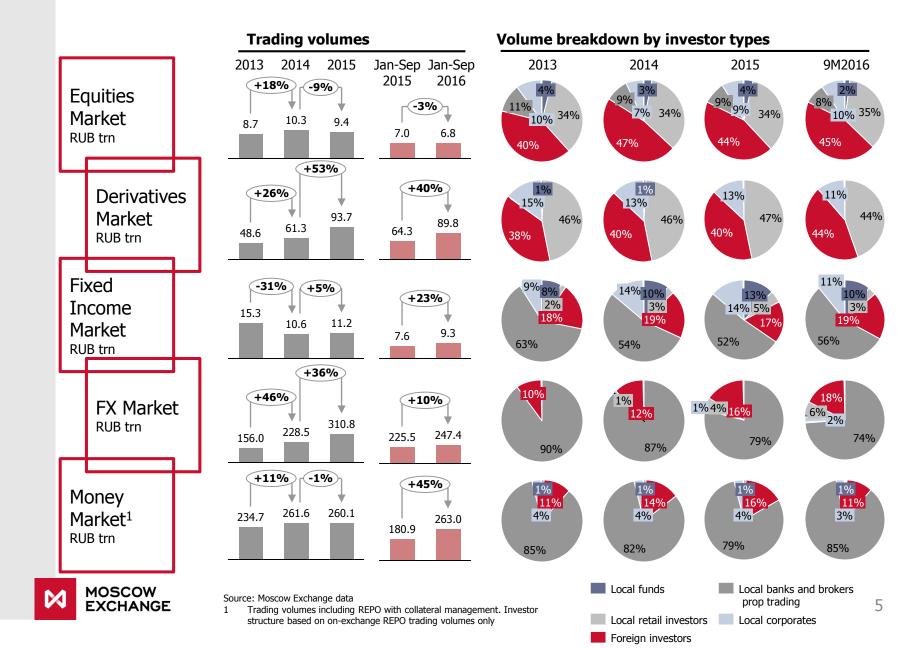


Though macro environment affected Russian equity capital markets...

- Russian issuers successfully completed 9 share placements in 2015 in the form of IPOs or SPOs totalling ~RUB 80 bln
- In 2016YTD, 4 Russian issuers held IPOs/SPOs amounted to ~RUB 76 bln, including Alrosa's privatisation deal in July 2016
- Most of the recent transactions 2015-2016 were held on MOEX

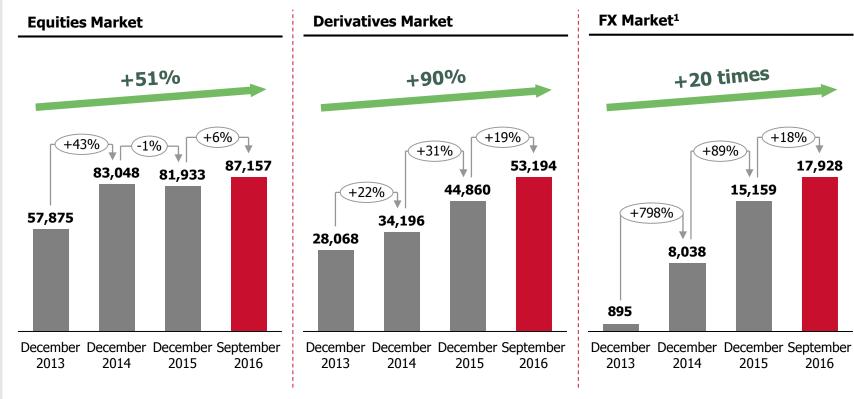


### Diversified investor base across different markets



## **Retail clients:** growing segment of the Russian financial market

### Number of active retail client accounts



### **Recent regulatory changes:**

- Introduction of individual investment accounts for private investors since 2015 more than 140,000 accounts opened as of September 2016
- **Tax breaks** on capital gains on securities held for more than 3 years (up to RUB 9 mln for securities purchased after 1 Jan 2014)
- Retail investors allowed to **remotely open a brokerage account**. This simplifies the process for retail investors in Russia's regions



# CORPORATE ACTIONS REFORM IN RUSSIA: FROM PAPER TO A LEADING MARKET TECHNOLOGIES FOR CORPORATE ACTIONS

From July 1<sup>st</sup> 2016

### New approach to corporate actions processing

### **LOWER COSTS**

- ✓ No more power of attorney
- ✓ Zero mailing costs, no hard-copies needed for investors to participate in corporate actions
- CSD's service pricing based on principles of cost-coverage, simplicity and fairness

### **LOWER RISKS**

- Creation of the single source of reliable and comprehensive information on corporate actions based on the Russian CSD
- ✓ Unified electronic ISO-based standards for corporate actions
- ✓ Control over assets and settlement oversight by the Russian CSD

# BETTER CORPORATE GOVERNANCE:

- ✓ Direct electronic access to AGMs for investors
- ✓ Standardized electronic meeting's convocations, directors nomination, participation in corporate actions through custodians
- ✓ No more special requirements for holders' incorporation set by issuers



# WHAT'S CHANGED: FROM PAPER TO A LEADING MARKET TECHNOLOGIES FOR CORPORATE ACTIONS

### Key issues investors, issuers and depositories faced...

- ✓ Direct interaction between shareholders and an issuer, infrastructure are not involved
- ✓ Lack of reliable information on corporate actions
- ✓ Hard-copies of documents exchange
- ✓ Complex procedure for participation in corporate actions, authorization by a power of attorney
- ✓ Lack of guarantee of timely and efficient settlements

### ... will be resolved from July, 1st 2016

- ✓ All corporate actions are processed in a centralized manner through a single CSD platform
- ✓ NSD becomes an official corporate information center, where information distributed simultaneously and available to all market participants
- ✓ Electronic data exchange based on ISO-standards
- ✓ Custodians are entitled to represent their clients interests without any formalities
- ✓ Russian CSD ensures timeliness and efficiency of settlement



# **NSD:** crucial component of the financial infrastructure generating steady revenues

- The largest settlement depository in Central and Eastern Europe
- The Russian CSD and an operator of systemically important depository, repository and payment system
- Links with other CSDs and ICSDs
- Stable and **recurring revenue source**, which is less depended on the market environment

# CSD

- ✓ Safekeeping
- ✓ Settlement (FOP, DVP)
- ✓ Corporate actions
- ✓ Tax agent services

### Clearing & Tri-party services

- ✓ Clearing
- ✓ Collateral management (triparty services)

# Payment service provider

- ✓ Cash settlement services
- ✓ FX services

### Repository

- ✓ OTC derivatives reporting
- Clearing, CMS and information services

### Corporate Information Center

- ✓ Comprehensive source of corporate information
- √ Valuation center
- ✓ Pricing center

### **Key initiatives**

- Completion of the ongoing corporate actions reform to further simplify market access and reduce costs for market participants
- Development of the corporate information center and a recognized pricing center, which are set to become
  a comprehensive and authoritative source of reliable information on securities and corporate actions
- Further trade repository development to make OTC derivatives market more transparent and better understand risks associated with the market



## Key operating developments in 2016

# Main corporate events

- ✓ The Supervisory Board held EGM on Sept 2nd. The EGM voted for a corporate restructuring proposal aimed at simplifying the corporate structure, reducing costs and streamlining customer relations
- ✓ The Supervisory Board appointed Anna Kuznetsova, Managing Director of Equities & Fixed Income Markets and Igor Marich, Managing Director of FX and Money Markets to be members of the Executive Board for two year terms

# **Expansion of the product offering**

- ✓ A new product, general collateral certificate (GCCs), was launched on the Money Market. This gives participants greater flexibility to manage their collateral and therefore has the potential to increase liquidity
- ✓ MOEX launched deliverable futures contracts on USD/RUB, EUR/RUB, and CNY/RUB
- ✓ New currency pair CHF/RUB started trading on the spot (with T0 and T+1 settlement) and swap segments of FX market
- ✓ MOEX introduced direct market access to the Money Market for corporate clients through M-deposits, which allow corporate customers to manage their liquidity position through on-exchange auction technology

# Continued international expansion

- ✓ Bank of America, National Association (BANA) joined Moscow Exchange's FX Market as a clearing firm and became the first non-resident global bank with general clearing membership on Moscow Exchange's FX Market
- ✓ MOEX's USD/RUB benchmark was recommended by the Emerging Markets Traders Association (EMTA) as the reference rate for OTC rouble derivatives for its OTC FX members. CME Group also started to use MOEX's USD/RUB benchmark for its rouble-denominated currency futures

### Pursuing excellence of ITinfrastructure

✓ MOEX completed the first stage of migration of its IT infrastructure to its future data center: DataSpace1 became fully operational as a reserve data center, a disaster recovery (DR) site for MOEX's trading and clearing platforms

# Driving infrastructural reform in Russia

- ✓ On 1 July 2016, the legal framework for corporate actions reform went into effect
- ✓ Corporate Information Center was launched by NSD, establishing a single source of corporate data with "golden copy" status, which will solve the problem of multiple, inconsistent corporate actions data



# **Priorities and points of growth 2016**

### **Key initiatives**

### **New products**

- ✓ Repo with General Collateral Certificates
- ✓ DMA for corporates to FX Market, Fixed Income Market and Money Market
- ✓ Focus on bonds: substitution of bank lending with public capital markets and securitization development
- ✓ Expanding the market data business: new products and subscription-based services
- ✓ Corporate actions reform

# **Growing the investor base**

- ✓ Attract non-resident flow, including further infrastructure developments, foreign clearing membership on FX & derivatives markets, NCC accreditation by EMIR/CFTC and creation of trading links between Russia and international markets
- ✓ Focus on retail investors, including on-line marketing tools, product and brand development, educational efforts for individuals

# Cross-market services

- ✓ Unified collateral pool across all markets
- ✓ Collateral management services
- ✓ Cross-margining

### IT excellence

- ✓ New IT architecture of the Exchange segregation of trading and clearing modules
- ✓ New Tier-3 data center

# Organic growth

- ✓ Privatization program
- ✓ Increase in public debt



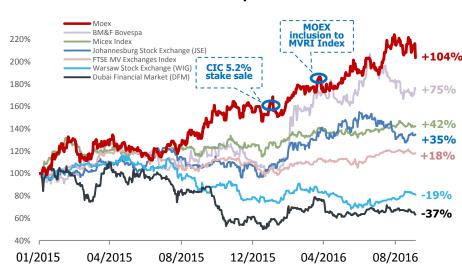
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## Dispersed ownership with the highest free-float in Russia

### Share performance<sup>1</sup>

### In October 2016 MOEX market cap was ~RUB 290 bln

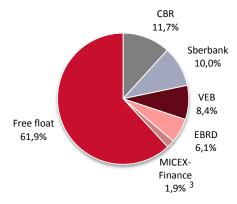


#### **Comments**

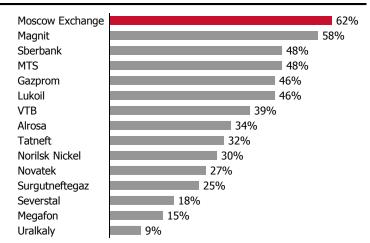
- More than 30 institutional investors from the US, UK, Europe and Russia acquired stakes in MOEX via Chengdong Investment Corp share sale. The transaction was held in form of an accelerated book build worth USD 136 mln
- In March 2016 Market Vectors Index Solutions (MVIS) included MOEX in the MVRSX index, which is tracked by the USD 1.9 bln ETF
- In May 2016 MSCI changed MOEX's FIF (MSCI free-float estimate) to 0.60 from 0.50
- MOEX free float increased to 62% in July 2016, which is the highest among Russian listed companies

### Dispersed ownership with no controlling shareholder...

as of May 16, 2016<sup>2</sup>



### ...and the highest free-float in Russia<sup>4</sup>





- In local currencies for the period 01.01.2015-04.10.2016
- 2 Including changes disclosed in July 2016
  - 100% owned subsidiary of the Moscow Exchange
- Top 15 companies by market capitalisation from MICEX Index. Alrosa's free-float increased from 23% to 34% following the privatisation deal on 10 July 2016

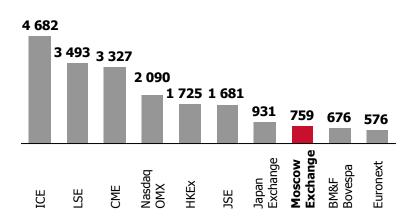
## New dividend policy: payout floor raised to 55%

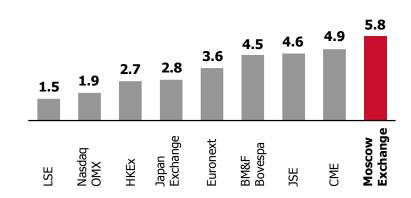
#### Revenues 2015<sup>1</sup>

### **Dividend yield 2017E**

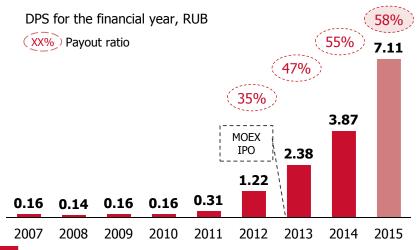
**USD** mln







### History of dividend growth



- A new dividend policy approved in Sept 2015 sets 55% of net profit as the new payout floor
- In April 2016 the AGM approved a dividend for 2015 of RUB 7.11 per share, which is 58.2% of 2015 IFRS net profit
- Since IPO, MOEX has returned 8.2% (RUB 17.2 bln) of the YE 2015 market cap (RUB 208.3 bln) to shareholders in the form of dividends

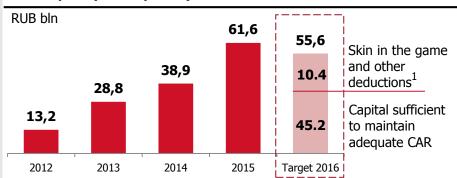


Source: Bloombera

- 1. Exchanges 2015 financial statements, converted at the average currency exchange rate for the period
- Revenues excluding rebates

## NCC capital target: RUB 55.6 bln

### NCC capital (end of period)



### **Key takeaways**

Target level of NCC capital is set at RUB 55.6 bln based on:

- CCP Stress-tests with a new risk-covering mechanism Capital should be sufficient to cover potential losses under a stress scenario and keep business operational
- ✓ New CBR regulation of capital adequacy ratio CAR should be sufficient under Basel III rules (min of 8% versus 10% previously), and following adjustments of capital (skin in the game) and RWA

### New regulation and its impact on NCC capital requirements

New regulation of CCPs in Russia

The CBR required all CCPs to be incorporated as entitles with (i) clearing and (ii) non-credit banking organization licenses. The law was adopted in Dec 2015 with a transition period of 2 years for NCC. The licenses switch is expected to move regulation of NCC away from a classical banking regulation towards best practices of CCP regulation, which may reduce capital requirements for NCC in the long-run.

New financial stability recovery mechanism

Risk-protection system was unified across all markets and aligned with CPSS-IOSCO requirements. New "Skin in the game" size was approved by the NCC's Supervisory Board in line with the CBR's requirements:

- ✓ RUB 6.5 bln since Nov 2015
- ✓ RUB 9.5 bln since July 2016

'Skin in the game' is deducted from the capital adequacy ratio (CAR) calculation, while NCC's financial assets and obligations, which NCC entered with market participants as CCP, are excluded from risk-weighted assets (RWA).

Net effect is expected to reduce capital requirements of NCC in the mid-run.

Introduction of Basel III rules

CAR calculation was aligned with Basel III requirements, with minimum CAR set at 8% level. NCC is expected to maintain a capital buffer to keep CAR at comfortable level exceeding 8%.



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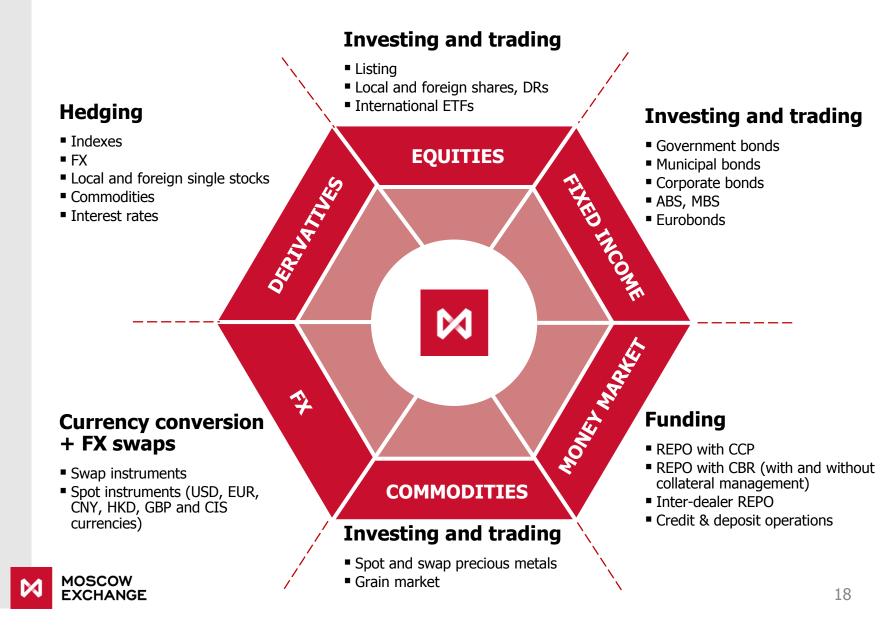


# **Investment** highlights

- MOEX operates in one of the largest economies globally and encompasses Russia's largest public trading markets
- 2 Leading market position in a global context
- Unique business model, offering trading of a wide range of assets together with well-established centralized post-trade infrastructure
- 4 Strong transparency and corporate governance standards
- Successful track record of infrastructure reforms and improving regulatory framework
- 6 Strong financial performance
- 7 Attractive dividend policy

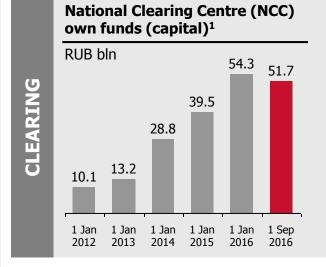


# **Highly diversified** product offering...



## ...coupled with **strong post-trade infrastructure**

Central Counterparty (CCP) and Central Securities Depository (CSD)

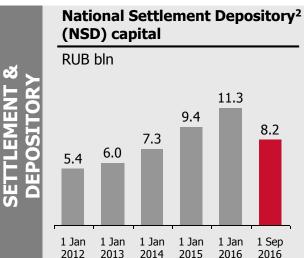


# CCP cleared value based on ADTV (9m2016)

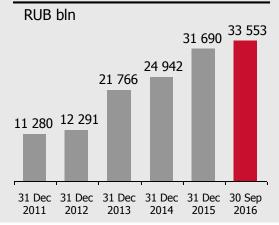
RUB bln	
FX	1315.9
REPO with CCP	626.6
Derivatives	477.5
Fixed income	49.6
Equities	36.0
Commodities	0.6
OTC derivatives	0.1

#### **Comments**

- Well-capitalized NCC as CCP for all asset classes
- Bank of Russia qualified CCP status
- Centralized clearing of OTC derivatives







### Comments

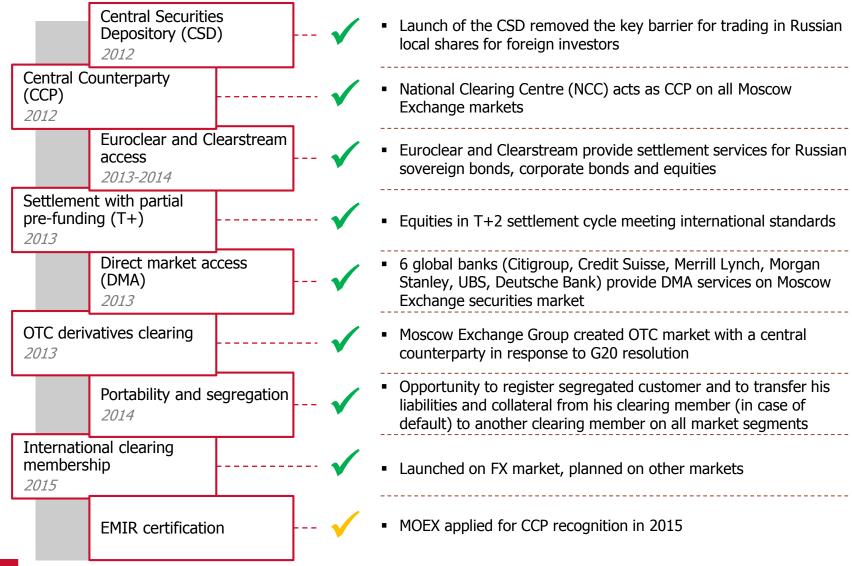
- Safekeeping and settlement services
- Collateral management services for REPO transactions
- Repository for OTC trades
- Links to Euroclear and Clearstream for Russian bonds and equities
- AA- rating from Thomas Murray<sup>4</sup>



Source: Moscow Exchange operational information

- 1 Figures in accordance with Russian Accounting Standards as reported to and disclosed by the CBR on a monthly basis
- Russian Central Securities Depository
- Assets in deposit based on Company' operational data
- Thomas Murray leading global agency for depository services

# Moscow Exchange infrastructure meets international standards



### **STRATEGY 2015-2020**

Diversification of the product

portfolio &

innovations

**CURRENT REVENUE SPLIT** F&C ~50% NII ~50%

### Structural growth opportunities

- ✓ Young and growing capital markets
- ✓ Growing the Fixed Income Market
- ✓ Expansion of the Russian retail investor
- ✓ Rerating of the Russian equities market
- ✓ Migrating GDR/ADR volumes to MOEX
- ✓ Growing index products

### Enhancement of existing product offering

- ✓ REPO with GCC
- ✓ New deliverable futures
- ✓ T+1 for corporate bonds
- ✓ Short-term bonds and securitization
- Direct access of corporates to the FX Market and Money Market

# New revenue lines

- ✓ Expansion of market data sales
- Commodities Market
- OTC derivatives clearing

# Strengthening of infrastructure & Russian financial ecosystem

- ✓ Single collateral pool, risk netting, cross margining, portfolio margining
- ✓ International clearing membership extension
- ✓ Recognition of the NCC by EMIR
- ✓ Approval of CFTC registration application in order to permit access to US market players
- ✓ Corporate governance reform
- ✓ Corporate actions reform
- ✓ Launch of the corporate information centre
- ✓ Repository offering expanded

TARGET REVENUE SPLIT F&C 70% NII 30%



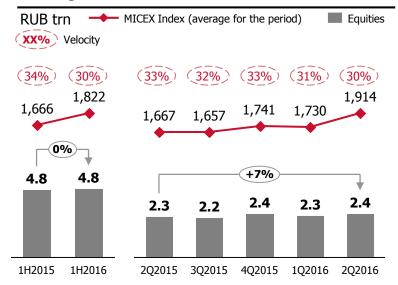
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# **Equities Market:** Market capitalization growth drives F&C income

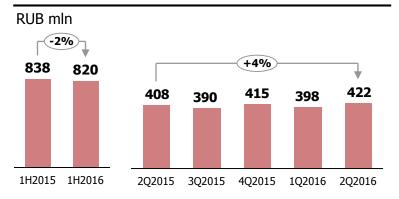
### Trading volumes<sup>1</sup>



### Russian equities trading volumes<sup>2</sup>, MOEX vs LSE



### Fee & commission income



### **Comments**

- In July, the privatization process started with the SPO of Alrosa. The state successfully sold 10.9% of the company's share capital with a discount to the market price of just 4%. The deal size was RUB 52.2 bln (US \$813 mln). Additionally, UWC and Promsvyazbank raised RUB 5.0 bln (USD 77 mln) and RUB 2.6 bln (USD 39 mln) respectively through SPOs on MOEX in 2Q 2016
- Average market share of MOEX vs LSE for dual-listed Russian companies was 59% in 2Q 2016, while equities market capitalization growth led to 4% YoY fees and commissions increase



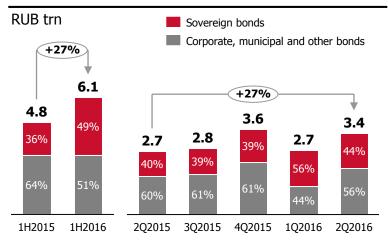
Source: Moscow Exchange operational information and Consolidated Financial Statements, Liquidmetrix

- Volumes on both primary and secondary markets
- Moscow Exchange and London Stock Exchange data for Russian dual-listed companies
- Only electronic order book deals

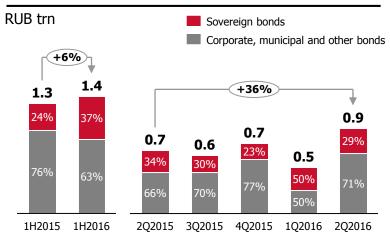


# **Fixed Income Market:** F&C growth driven by new primary placements

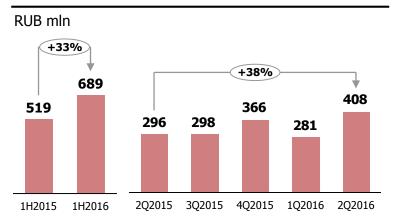
### Trading volumes1



### **Primary market**



### Fee & commission income



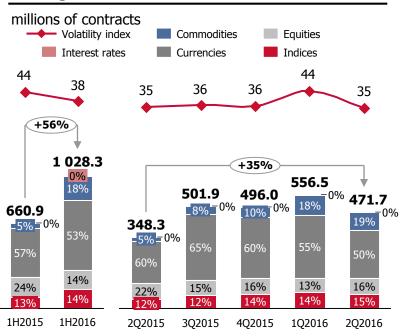
- The share of corporate bonds in the total trading volumes accounted for 56% on the back of strong primary placements, which grew 45% YoY driven by lower interest rates and easier access for Russian corporates to public debt
- Continued growth of trading volumes on secondary markets contributed to total trading volume growth (+27% YoY), mainly driven by solid performance of government bonds thanks to product advancements completed last year (shift to T+1 settlement, improved tariff plans, launch of closing and opening auctions)



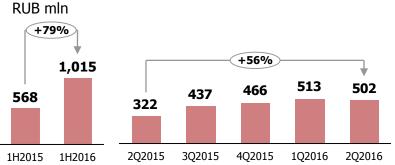


### **Derivatives Market**: healthy growth across the board

### **Trading volumes**

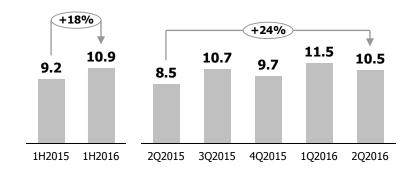


### Fee & commission income



### **Open interest**

millions of contracts, daily average



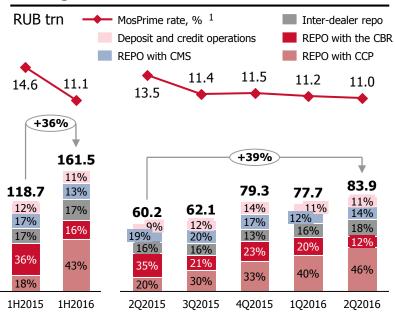
- Fee and commission income showed a second best quarterly growth rate ever (up 56% YoY) and increased to RUB 502 mln thanks to solid growth of trading volumes in futures on FX, commodities, indices, as well as options
- Futures and options on FX remained the most traded contracts and accounted for 50% of total derivatives contracts. Derivatives on commodities continued their rapid expansion with a 19% share of total trading volumes versus 5% a year ago
- Open interest grew by 24% to 10.5 mln contracts



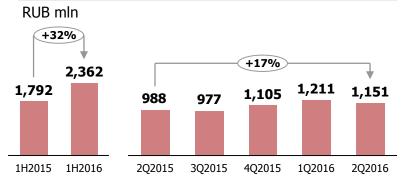


# **Money Market**: demand for on-exchange services continues to grow

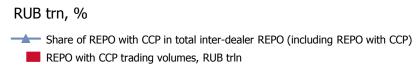
### **Trading volumes**

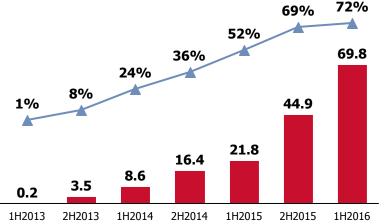


### Fee & commission income



### **Trading volumes for REPO with CCP**





- Fees of RUB 1.15 bln (+17%) thanks to the growth of REPO with CCP, one of the fastest-growing products (up 3.1x YoY) across MOEX's product portfolio
- Repo with GCC (general collateral certificate) launched in the end of February kept gaining steam and grew 13 times QoQ
- Average REPO maturity declined from 7.2 days to 3.9 days due to change in the liquidity available in the banking system and lack of long-term FX repo by the CBR in 2Q2016, which was in great demand in 1H 2015



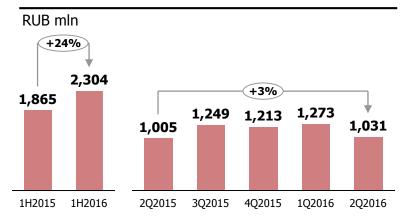


# **FX Market:** normalization of volatility, normalization of growth

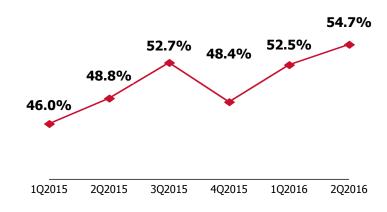
### **Trading volumes**

#### RUB trn → Volatility USD/RUB <sup>1</sup> Spot Swap 5.9 5.4 4.7 3.1 +29% 2.4 2.0 1.2 168.4 +6% 130.5 95.0 36% 89.0 85.4 79.4 74.7 32% 36% 40% 31% 29% 68% 64% 71% 60% 69% 1H2015 1H2016 2Q2015 3Q2015 4Q2015 1Q2016 2Q2016

### Fee & commission income



#### MOEX share on the Russian interbank FX market



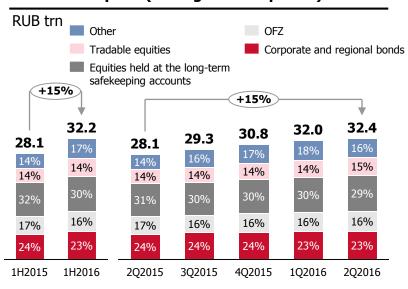
- Trading volumes growth decelerated to 6% YoY on the back of volatility normalization that led to 3% YoY growth of fees and commissions. USD/RUB volatility decreased to the lowest level for the recent 2 years
- Spot market trading volumes grew 16% YoY, while swap transaction volumes increased 2% YoY amid cooling demand from local banks to manage liquidity positions
- MOEX continued to increase its market share versus OTC trading, having more than 50% of Ruble liquidity concentrated on-exchange



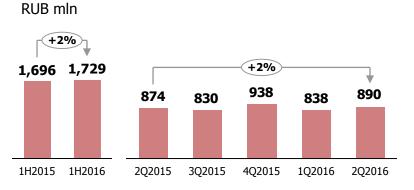


# **Depository and settlement:** continued growth of assets under custody

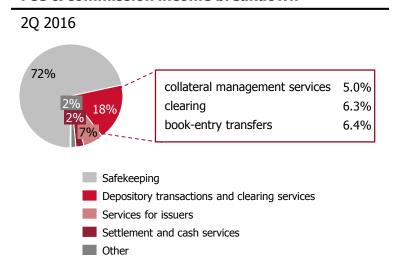
### Assets on deposit (average for the period)



### Fee & commission income



### Fee & commission income breakdown



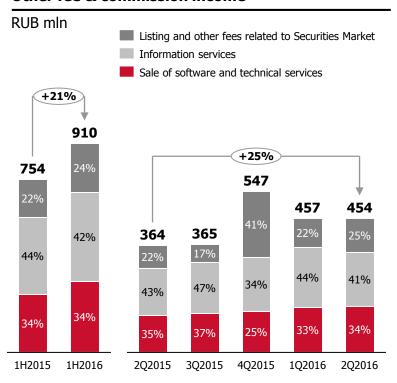
- The increase in assets under custody was driven by increased market cap of the Equities Market, inflow of Eurobonds, bonds of foreign issuers and international institutions, as well as new local bond placements
- On 1 July 2016, the legal framework for corporate actions reform went into effect
- Corporate Information Center was launched by NSD, forming a single source of corporate data with "golden copy" status, which will solve the problem of multiple, inconsistent corporate actions data





### **Growth in information services fees**

### Other fee & commission income<sup>1</sup>



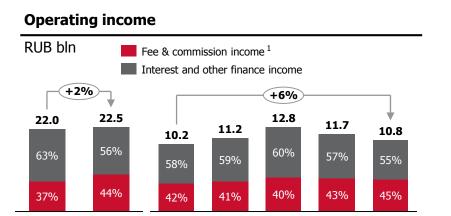
- Fees and commissions across all lines demonstrated healthy double-digit growth
- Listing and other fees related to the Securities Market grew by 42.0% YoY on the back of primary bond placements
- Fees from information services and sale of software and technical services grew by 22.9% YoY and 17.1% YoY respectively, driven by expansion of the client base



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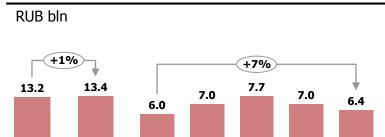
# **2Q 2016 Key Financial Highlights**



3Q2015

4Q2015

102016



2Q2015 3Q2015 4Q2015 1Q2016 2Q2016



1H2016

202015

1H2015

■ In Q2 2016 costs grew 7.2% YoY, slightly below CPI in Russia

2Q2016



Cost to income ratio remained at a strong 26.4%, up from 26.1% in 2Q 2015



Robust fee income generation drove EBITDA of RUB 8.5 bln, up 6.6% YoY. The EBITDA margin of 78.4% remained one of the best-in-class

1H2015

1H2016



ROE declined by 2.4 percentage points due to equity growth and remained at a healthy level of 21.9%

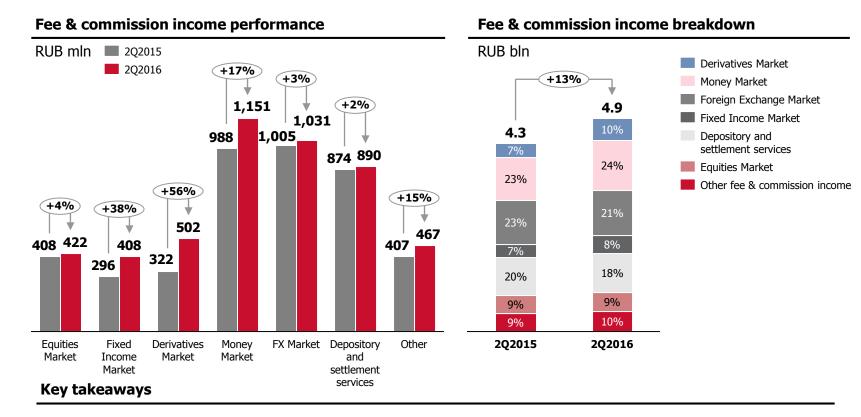
**Net income** 



Cash position increased to 74.4 bln (+16.7%) thanks to MOEX highly cash-generative business model



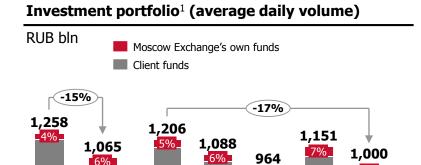
### **Diversified fee & commission** income



- Fee and commission income increased 13% YoY to RUB 4.9 bln, with the Derivatives, Fixed Income and Money Markets showing the strongest growth rates
- Fee & commission income remained well-diversified, with seven segments contributing, none of which represents more than a quarter of the total



## **2Q 2016 Interest income**



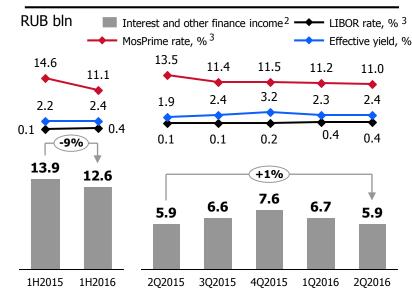
94%

3Q2015

95%

2Q2015

### **Interest income**



### Clients funds by currency

94%

1H2016

### Clients funds by source

92%

### Investment portfolio by type of asset

2Q2016

96%

1H2015

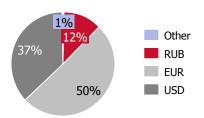
2Q2016

93%

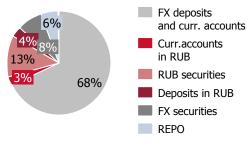
4Q2015 1Q2016 2Q2016

93%

2Q2016







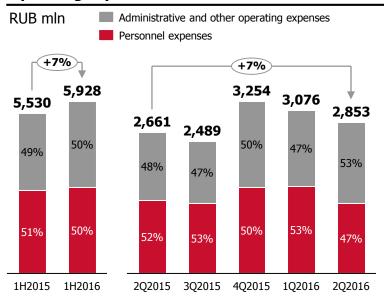


Source: NFEA, Bloomberg, Moscow Exchange operational information and Consolidated Financial Statements

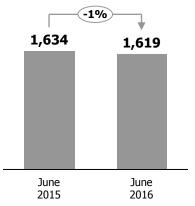
- Based on average daily investment portfolio according to management accounts
- Interest and other finance income includes interest and other finance income, interest expense, net loss on financial assets available-for-sale, foreign exchange gains less losses
- 3 Average daily rate for the period

## **Operating expenses**

### **Operating expenses**



### Headcount



### **Major expense items**

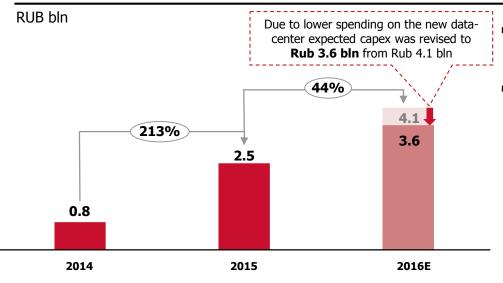
RUB mln	2Q2015	2Q2016	Change YoY
Personnel expenses	1387	1328	-4%
Administrative and other operating expenses, including	1274	1525	20%
Amortisation of intangible assets	291	305	5%
Equipment and intangible assets maintenance	156	217	39%
Depreciation of property and equipment	142	211	49%
Rent and office maintenance	123	118	-4%
Taxes other than income tax	113	118	5%
Professional services	97	76	-21%
Advertising and marketing costs	54	158	195%
Total	2 661	2 853	7%
Cost income ratio	26.1%	26.4%	-

- Cost control remained strict with 7.2% growth YoY, which is below Russia's inflation rate
- Administrative expenses grew by 20% YoY due to higher depreciation of property & equipment, amortization of intangible assets and equipment, spending on intangible assets maintenance as a result of investments in ITinfrastructure and higher advertising and marketing costs
- Personnel costs decreased 4% YoY due to reversal of bonus provision related to 2015 year. Headcount declined 1% YoY



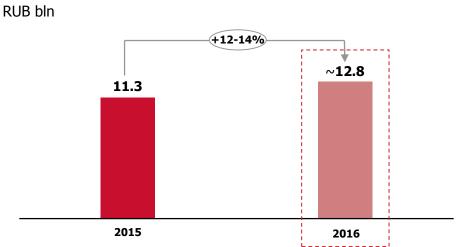
### **CAPEX and OPEX Guidance**

#### **CAPEX 2015-2016**



- Capex 2016 is expected to exceed normalized midterm forecasted level of RUB 2.5-3.0 bln due to the partial shift of expenditures from 2015 to 2016
- Capex scope remained the same:
  - New IT architecture
  - New data-center
  - Hardware upgrade and implementation of advanced quality assurance practices
  - Other projects, including grain market and corporate actions reform

### Operating expenses 2015-2016



Personnel expenses are expected to grow 12-14% in 2016 on the back of employment of new IT specialists and higher spending on social taxes. The guidance was revised from 16% YoY based on lower than expected capital expenditures and more steady hiring process

MOSCOW EXCHANGE

Source: Moscow Exchange

# Appendix



# **MOEX** outperformed other exchanges in terms of equity and FI trading volumes' growth in 2Q 2016

### **Equity Market**

Bolsa Mexicana   11%     TMX Group   8%     Moscow Exchange   100     ICE&NYSE   7%     BM&FBOVESPA   3%     BATS - US   -1%     Bursa Malaysia   -4%     Nasdaq OMX - US   -7%     Singapore Exchange   -12%     BSE India   -12%     Japan Exchange   -14%     Deutsche Boerse   -15%     LSE   -16%     BME Spanish Exchanges   -25%     Taiwan SE   -26%     HKEx   -63%	Exchange		% chg. 2Q2016/ 2Q2015
TMX Group   8%		LACITATING	National currencies
Moscow Exchange   8%     ICE&NYSE   7%     BM&FBOVESPA   3%     BATS - US   -1%     Bursa Malaysia   -4%     Nasdaq OMX - US   -7%     Singapore Exchange   -12%     BSE India   -12%     Japan Exchange   -14%     Deutsche Boerse   -15%     LSE   -16%     BME Spanish Exchanges   -25%     Taiwan SE   -26%		Bolsa Mexicana	11%
ICE&NYSE  BM&FBOVESPA  BM&FBOVESPA  BATS - US  -1%  Bursa Malaysia  -4%  Nasdaq OMX - US  -7%  Singapore Exchange  BSE India  -12%  Japan Exchange  Deutsche Boerse  LSE  BME Spanish Exchanges  Taiwan SE  -26%		TMX Group	8%
BM&FBOVESPA  BATS - US  Bursa Malaysia  Nasdaq OMX - US  Singapore Exchange  BSE India  Japan Exchange  Deutsche Boerse  LSE  BME Spanish Exchanges  Taiwan SE  -10%  3%  -1%  -1%  -1%  -1%  -10%  -12%  -12%  -14%  -14%  -15%  -16%  BME Spanish Exchanges  -25%  Taiwan SE  -26%		Moscow Exchange	8%
BATS - US  Bursa Malaysia  Nasdaq OMX - US  Singapore Exchange  BSE India  Japan Exchange  Deutsche Boerse  LSE  BME Spanish Exchanges  Taiwan SE  -1%  -4%  -7%  -7%  -7%  -7%  -12%  -12%  -14%  -14%  -14%  -15%  -16%  -16%  -16%  -26%		ICE&NYSE	7%
Bursa Malaysia -4%  Nasdaq OMX - US -7%  Singapore Exchange -12%  BSE India -12%  Japan Exchange -14%  Deutsche Boerse -15%  LSE -16%  BME Spanish Exchanges -25%  Taiwan SE -26%		BM&FBOVESPA	3%
LSE -16%  BME Spanish Exchanges -25%  Taiwan SE -26%	송	BATS - US	-1%
LSE -16%  BME Spanish Exchanges -25%  Taiwan SE -26%	po	Bursa Malaysia	-4%
LSE -16%  BME Spanish Exchanges -25%  Taiwan SE -26%	der	Nasdaq OMX - US	-7%
LSE -16%  BME Spanish Exchanges -25%  Taiwan SE -26%	c or	Singapore Exchange	-12%
LSE -16%  BME Spanish Exchanges -25%  Taiwan SE -26%	oni	BSE India	-12%
LSE -16%  BME Spanish Exchanges -25%  Taiwan SE -26%	ectr	Japan Exchange	-14%
BME Spanish Exchanges -25% Taiwan SE -26%	ă	Deutsche Boerse	-15%
Taiwan SE -26%		LSE	-16%
		BME Spanish Exchanges	-25%
HKEx -63%		Taiwan SE	-26%
		HKEx	-63%
Shanghai SE -79%		Shanghai SE	-79%

### **Fixed Income Market**

Evehange	% chg. 2Q2016/ 2Q2015			
Exchange	National currencies			
Japan Exchange	72%			
Bursa Malaysia	60%			
Korea Exchange	49%			
Johannesburg SE	37%			
Shanghai SE	30%			
Moscow Exchange	25%			
Bolsa de Val. Colombia	19%			
Shenzhen SE	12%			
TMX Group	10%			
LSE	6%			
Australian SE	5%			
Taipei Exchange	4%			
BME Spanish Exchanges	-2%			
Oslo Bors	-6%			
BSE India	-12%			
Euronext	-32%			



Source: WFE, Moscow Exchange

## DR holders pay substantial **EXTRA FEES** to depositary banks

# Fees to be paid to depositary bank for some of DR programs of the Russian companies

DR program		Depositary Service Fee <sup>1</sup> (DSF), USD	Dividend Fee <sup>2</sup> ,	Dividend Fee as % of dividend	DRs cancellations fee, USD per
		per DR	USD per DR	amount <sup>3</sup>	DR
RusHydro	BoNY Mellon	0.02	0.003	12%	0.05
TGK-1	BoNY Mellon	0.02	0.002	12%	0.05
VTB Bank	BoNY Mellon	0.03	0.005	12%	0.05
TMK	BoNY Mellon	0.02	0.003	11%	0.05
MMK	BoNY Mellon	0.02	0.013	11%	0.05
Sberbank	BoNY Mellon	0.02	0.004	12%	0.05
Gazprom	BoNY Mellon	0.025	0.02	7%	0.05
Surgutneftgaz	BoNY Mellon	0.02	0,012	12%	0.05
Surgutneftgaz-p	BoNY Mellon	0.02	0.02	2%	0.05
Russian Grids	BoNY Mellon	0.02	0.02	10%	0.05
Lukoil	BoNY Mellon	0.025	0.02	1%	0.05
Norilsk Nickel	BoNY Mellon	0.01	0.02	2%	0.05
Uralkali	BoNY Mellon	0.02	0.02	6%	0.05
Acron	Deutsche Bank	0.02	0.02	8%	0.05
MTS	JP Morgan	$0.01^{6}$	0.03	5%	0.05
Rosneft	JP Morgan	$0.01^{6}$	-	0%	0.05
Magnit	JP Morgan	$0.01^{6}$	-	0%	0.05
Phosagro	Citi	0.02	0.01	1%	0.05
Average		0.02	0.01	7%	0.05

# Gross DSF and dividend fees calculated for Top-3 international funds holding DRs of Russian companies<sup>4</sup>

Fund A	6 304 777 USD
Fund B	2 089 864 USD
Fund C	4 843 087 USD

# Cost of cancellations all DR in portfolios to local shares for Top-3 funds

Fund A	8 963 463 USD
Fund B	3 015 388 USD
Fund C	6 022 079 USD

- Depositary service fee and
   Dividend fee are to be paid by DR
   holder to the depositary bank
   while there are no such fees for
   holders of local shares
- All DRs cancellations operations are also charged 0.05 USD per DR
- (1) Service fees are charged annually, in arbitrary date. Calculated based on number of DR on client account on the record date
- (2) Dividend fees are charged when dividends are paid
- (3) As % of dividend amount after tax
- (4) Calculations based on Thomson Reuters data as of June 2015
- (5) Data on depositary service fees for these companies are not available. Indicative numbers based on average level of depositary service fee for DR of Russian companies are used for the purposes of this presentation
- (6) Depositary service fee which is applicable for 0%, 5%, 10% withholding tax rates Source: BNY Mellon, Deutsche Bank, JP Morgan, Citi, Thomson Reuters



# Foreign investors acquired more than 50% of sizeable ECM transactions on MOEX, 2013-2015

### Foreign investors' participation in IPO/SPO's on Moscow Exchange

United Wagon Company  April 2015  IPO  RUB 9 bln  MOSCOW EXCHANGE  July 2014  SPO  RUB 16 bln	
MOSCOW EXCHANGE July 2014 SPO RUB 16 bln	~55%
	~60%
AAPOCA ALROSA October 2013 IPO RUB 41 bln	~85%
MOSCOW EXCHANGE February 2013 IPO RUB 15 bln	~85%



### Consolidated Statement of Financial Position

In million rubles	June 30, 2016	December 31, 2015	% chg. June 30, 2016/December 31, 2015
Assets:			
Cash and cash equivalents	599 893.6	992 696.1	-40%
Central counterparty financial assets	1 064 515.5	518 509.3	105%
Financial assets <sup>1</sup>	282 360.2	211 876.5	33%
Property and equipment and intangible assets	25 407.0	24 825.2	2%
Goodwill	15 971.4	15 971.4	0%
Other assets <sup>2</sup>	2 905.5	2 439.1	19%
Total Assets	1 991 053.2	1 766 317.6	13%

In million rubles	June 30, 2016	December 31, 2015	% chg. June 30, 2016/December 31, 2015
Liabilities:			
Balances of market participants	805 053.9	1 119 097.5	-28%
Central counterparty financial liabilities	1 064 515.5	518 509.3	105%
Distributions payable to holders of securities	2 795.0	6 138.4	-54%
Other liabilities <sup>3</sup>	5 955.6	8 962.8	-34%
Total Liabilities	1 878 320.0	1 652 708.0	14%
Total Equity	112 733.2	113 609.6	-1%
Total Liabilities and Equity	1 991 053.2	1 766 317.6	13%



Source: Moscow Exchange, Consolidated Financial Statements

Financial assets at fair value though profit or loss, Due from financial institutions, Investments available-for-sale, Investments in associates

Current tax prepayments, Deferred tax asset, Other assets

<sup>3</sup> Settlement on reverse repo margins, Deferred tax liability, Current tax payables, Other liabilities

# Consolidated Statement of Comprehensive Income

In million rubles	Three month period ended June 30, 2016	Three month period ended June 30, 2015	% chg. 2Q2016/ 2Q2015	Six month period ended June 30, 2016	Six month period ended June 30, 2015	% chg. 1H2016/ 1H2015
Fee and commission income	4 872.6	4 299.1	13%	9 833.1	8 089.9	22%
Interest and other finance income <sup>1</sup>	5 928.2	5 854.3	1%	12 693.2	13 906.4	-9%
Other operating income	6.8	23.2	-71%	20.3	52.5	-61%
Operating Income	10 807.6	10 176.6	6%	22 546.6	22 048.8	2%
Administrative and other operating expenses	-1 525.2	-1 273.7	20%	-2 963.4	-2 686.0	10%
Personnel expenses	-1 327.7	-1 387.0	-4%	-2 965.0	-2 843.7	4%
Operating Expense	-2 852.9	-2 660.7	7%	-5 928.4	-5 529.7	7%
Operating Profit	7 954.7	7 515.9	6%	16 618.2	16 519.1	1%
Share of profit/(loss) of associates	-	-1.3	1	-	2.1	-
Profit before Tax	7 954.7	7 514.6	6%	16 618.2	16 521.2	1%
Income tax expense	-1 545.7	-1 511.0	2%	-3 231.0	-3 314.6	-3%
Net Profit	6 409.0	6 003.6	7%	13 387.2	13 206.6	1%
Earnings per share						
Basic earnings per share, rubles	2.86	2.70	6%	5.98	5.95	1%
Diluted earnings per share, rubles	2.84	2.68	6%	5.94	5.92	0%



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- -competition increase from new players on the Russian market;
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