

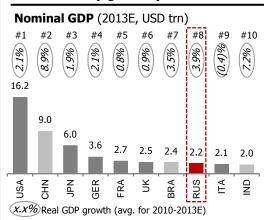
23 October 2013, New York Alexander Afanasiev CEO

MOSCOW EXCHANGE

# MOSCOW EXCHANGE INTRODUCTION

### Russia has significant capital market growth potential

#### #8 economy globally...

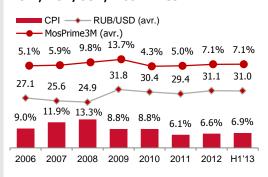


# $... decreasing \ inflation \ and \ stable \\ \textbf{FX}...$

#### CPI, RUB/USD, MosPrime3M

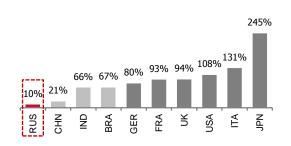
MOSCOW

**EXCHANGE** 



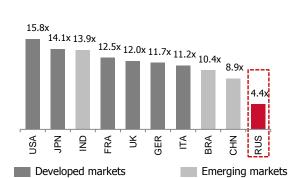
#### ...with low government leverage...

Sovereign debt1 as % of GDP (2013E)



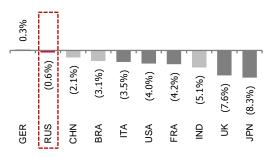
#### ...with low valuations...

MSCI country index forward P/E ratio



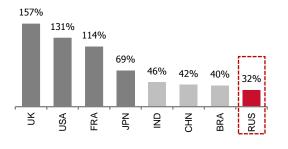
#### ...strong fiscal policy...

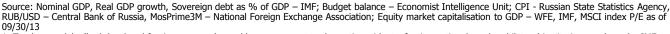
Budget balance<sup>2</sup> as % of GDP (2013E)



### ... and strong growth potential for the capital market

**Equity market capitalisation to GDP<sup>3</sup>** (2013E)





<sup>1</sup> Total gross debt (both local and foreign currency) owed by government to domestic residents, foreign nationals and multilateral institutions such as the IMF, expressed as a percentage of GDP

<sup>2</sup> Central government receipts minus central government outlays, as a percentage of GDP

<sup>2</sup> Central government occupied in the USA is the sum of NASDAQ and NYSE market capitalisations, for China – the sum of Shanghai and Shenzhen market capitalisations, for India – BSE market capitalisation, for Bazil – BM&F Bovespa market capitalisation, for Russia – Moscow Exchange market capitalisation, for France – NYSE Euronext Europe market capitalisation, for UK – LSE market capitalisation (including Borsa Italiana market capitalisation)

# Moscow Exchange is the major exchange in Russia and a **leading exchange globally**

One of the largest in fixed income (Jan - Sept 2013) <sup>1</sup>					
Rank	Exchange	Country	Trading vol. (USD bn)	Incl. REPOs	
1	BME Spanish Exchanges	Spain	6 345	√	
2	Moscow Exchange	Russia	3 250	√	
3	London SE Group	UK	1 808	√	
4	NASDAQ OMX	USA (Europe)	1 659	√	
5	Johannesburg SE	South Africa	892	√	
6	Korea Exchange	Korea	634	×	
7	Colombia SE	Colombia	535	×	
8	Oslo Børs	Norway	445	√	
9	Borsa Istanbul	Turkey	336	√	
10	GreTai Securities Market	Taiwan	211	√	

Top 6 in derivatives (Jan – Sept 2013)				
Rank	Exchange	Country	Millions of contracts	
1	CME Group	USA	2 430	
2	NSE	India	1 748	
3	EUREX	Europe	1 739	
4	NYSE Euronext <sup>3</sup>	USA	1 525	
5	BM&FBOVESPA	Brazil	1 215	
6	Moscow Exchange	Russia	886	
7	CBOE Holdings	USA	875	
8	NASDAQ OMX <sup>3</sup>	USA	853	
9	Korea Exchange	Korea	640	
10	Dalian Commodity Exchange	China	538	

Top 20 in equities (Jan – Sept 2013)²					
Rank	Exchange	Country	Mkt Cap (USD bn)	Securities listed	Trading vol. (USD bn)
1	NYSE Euronext <sup>3</sup>	USA	19 888	3 414	11 433
2	NASDAQ OMX <sup>3</sup>	USA	6 725	3 350	7 474
3	Japan Exchange Group <sup>4</sup>	Japan	4 455	3 399	5 057
4	London SE Group	UK	4 088	2 736	1 677
5	Hong Kong Exchanges	Hong Kong	2 942	1 585	982
6	Shanghai SE	China	2 518	953	2 771
7	TMX Group	Canada	2 050	3 856	1 061
8	Deutsche Börse	Germany	1 718	728	1 002
9	SIX Swiss Exchange	Switzerland	1 470	274	512
10	Shenzhen SE	China	1 423	1 536	2 806
19	Moscow Exchange	Russia	771	267	177

Top 1	.2 public exchanges by	market capita	alization <sup>5</sup>
Rank	Exchange	Country	Mkt Cap (USD bn)
1	CME US Equity	USA	25.0
2	Hong Kong Exchanges	Hong Kong	19.1
3	Deutsche Börse	Germany	15.0
4	ICE	USA	14.2
5	BM&FBovespa	Brazil	11.4
6	NYSE Euronext	USA	10.8
7	London SE Group	UK	6.8
8	Australian SE	Australia	6.4
9	Singapore SE	Singapore	6.2
10	Japan Exchange Group	Japan	6.0
11	NASDAQ OMX	USA	5.6
12	Moscow Exchange	Russia	5.0



Source: Moscow Exchange, WFE, Bloomberg

1 Due to different methodologies applied, data on fixed income trading may not be directly comparable among exchanges

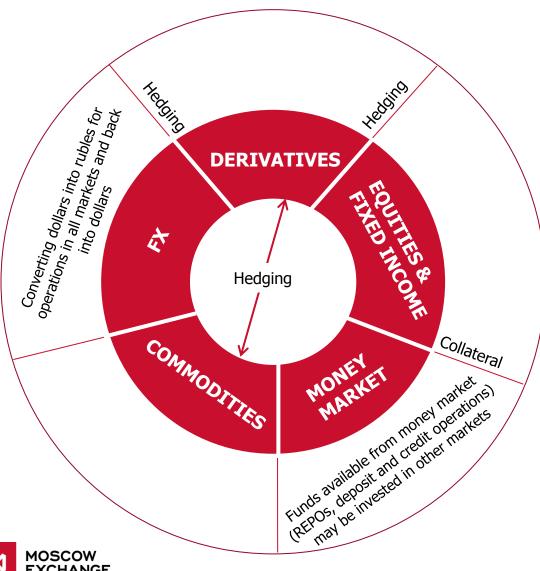
2 Top equity trading exchanges are ranked by market capitalisation of public companies traded on the exchange

3 Includes both US and European market volumes and capitalization for equities market; both US and European market volumes for derivatives market

4 Includes both Tokyo and Osaka exchanges trading volumes, capitalization reflects Tokyo exchange only

5 Market capitalization of public exchanges based on Bloomberg data as of Oct 11, 2013

### Moscow Exchange is the key element of Russia's financial market infrastructure



- Cornerstone financial market settlement system
- On Moscow Exchange investors can:
  - trade all assets classes
  - convert dollars into rubles and back to repatriate capital
  - hedge market and foreign currency risks
  - make arbitrage
  - raise and invest funds

# Vertically integrated platform providing **value added services along the chain**



- Pre-order validation and risk management solutions
- Market data, real-time information and indexes
- Direct market access (DMA) and co-location, also for international clients new
- Partial pre-funding new
- T+2 settlement cycle *new*

#### **Clearing**

- Well capitalized National Clearing Centre with Fitch rating (BBB-) as CCP new
- Unified risk management model new
- Broad range of collateral (cash, FX, securities) new

#### **Settlement & Depository via CSD**

- DVP/PVP settlement new
- Omnibus accounts new
- Foreign nominee accounts new
- Euroclear & Clearstream accounts with CSD new
- Repo collateral management new
- Depository services (safekeeping and settlement)
- Repository for OTC trades new



### Key changes in market infrastructure

#### **Target**

- Upgrade infrastructure to international standards
- Establish fully functioningCSD
- Establish integrated CCP function
- Deliver T+2 settlement

Opening up of Moscow
 Exchange to
 international investors

#### **Status**

- ✓ Launch of the CSD in 2012 removed the key barrier for trading in Russian local shares for foreign investors:
  - Direct and simplified settlement
  - Lower costs
  - Participate directly in corporate actions
- National Clearing Centre (NCC) is the CCP for all Moscow Exchange market segments
- √ T+2 launched in March 2013 and implemented fully in September 2013 in equities market
- ✓ Euroclear and Clearstream now offer settlement services for Russian government bonds; corporate bonds and equities are expected to follow in 2014
- ✓ Citigroup, Credit Suisse, Merrill Lynch, and Morgan Stanley started to offer Direct Market Access (DMA) to securities trading on Moscow Exchange in September 2013

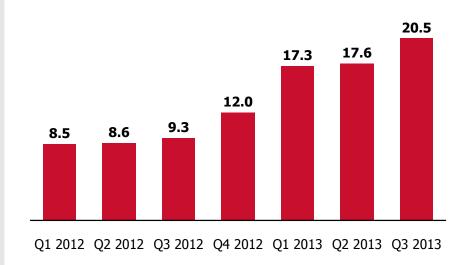


# National Settlement Depository (NSD) – **fully functioning CSD**



#### **Assets on deposit in NSD**

RUB trn



#### Key developments and growth drivers

- Launch of the CSD in 2012 removed the key barrier for trading in Russian local shares for foreign investors
- Euroclear and Clearstream opened foreign nominee accounts with NSD and provide settlement services for Russian government bonds (OFZ)
- NSD as CSD fully complies with the SEC Rule 17f-7, allowing US funds to invest in Russian securities
- Key benefits for foreign investors:
  - Lower risks and greater investor protections
  - Finality of settlement
  - Simplified settlement
  - Lower costs
  - Investors participate directly in corporate actions
- NSD is rated by Thomas Murray (AA-)

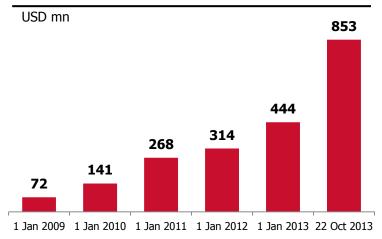


# National Clearing Centre – integrated clearing platform and CCP



# Fitch "BBB-" rating Outlook "Stable"

#### **National Clearing Centre equity**



#### **Key developments and growth drivers**

- As much as 100% of collateral can be provided in foreign currency (USD) as of June 2013
- National Clearing Centre gained the status of the qualified central counterparty from the Bank of Russia

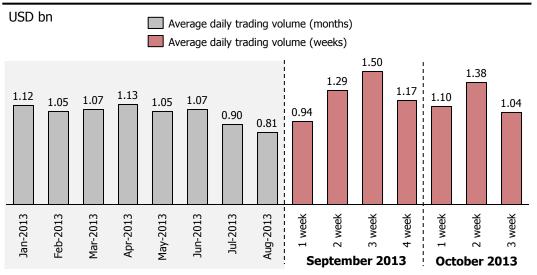
#### **Expected:**

- Single collateral pool across markets
- Netting and single cross market margining
- Launching clearing links with clearing houses
- Introducing and expanding clearing of OTC derivatives market
- Integrated clearing offering in Bullion market



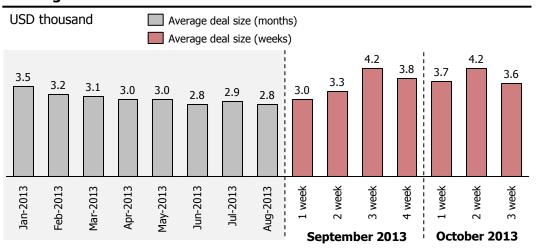
### T+2 is now **fully operational**

#### Trading volume on equity market<sup>1</sup>



 Moscow Exchange has completed a smooth transition from T0 to T+2 on September 2, 2013

#### Average deal size<sup>1</sup>



■ Equity trading volumes for the first weeks were strong: the average daily turnover in equities was ~USD 1.2 bn



Source: Moscow Exchange information

1 Volume of deals with equities, DR, Mutual Fund shares and ETF in the main trading (EOB T0,T+2) and in negotiated deals mode (RPS, RPS with CCP) Russian government bonds are already settled through **Euroclear and Clearstream**, corporate bonds and shares are expected to be eligible in 2014

#### As of today

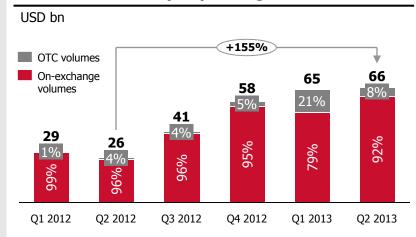
#### Q1 2014

#### July 1, 2014

- Euroclear and Clearstream started to provide settlement services for Russian government bonds (OFZ) transactions in February 2013
- Foreign nominee accounts balances have reached 20% of total OFZ accounts balances
- Settlement services for corporate bonds transactions are expected to start in Q1 2014 after taxation issues are clarified
- Ministry of Finance has already prepared a draft of changes to the Tax code

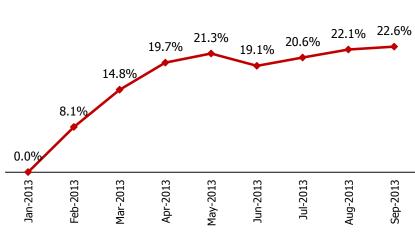
 Equities will be eligible for Euroclear and Clearstream settlement services from July 1, 2014 according to current regulation

#### **Government bonds (OFZ) trading volumes**



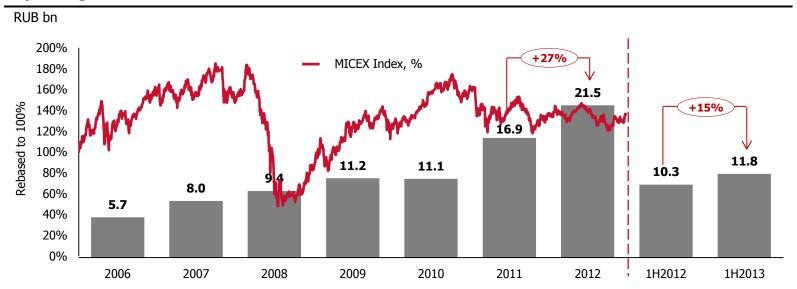
#### Foreign nominee account balances in NSD

% of total OFZ account balances



### Moscow Exchange business model is resilient to economic cycle

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



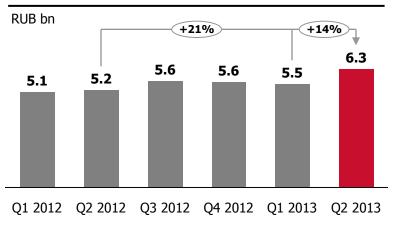
#### **Growth drivers**

- New markets development and launching new instruments
  - OTC derivatives clearing
  - Precious metals market
  - New issuers and types of securities (ETFs, CDO, etc.)
  - Increasing offering of derivatives
- New post-trading solution unified clearing pool launching cross-margining and collateral management

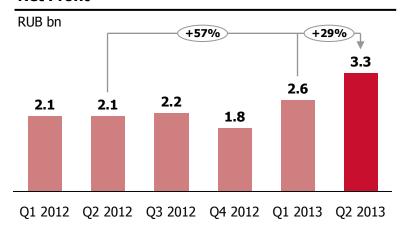


# Moscow Exchange Group financial results in Q2 2013: **operating income and net profit growth**

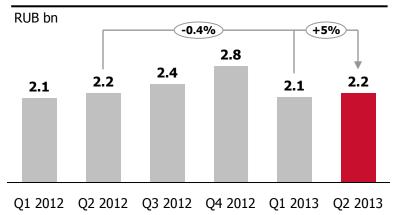
#### **Operating income**



#### **Net Profit**



#### **Operating expenses**



#### **EPS and key financial ratios**

	Q2 2012	Q2 2013
EPS, RUB	0.98	1.49
EBITDA margin	66.0%	72.1%
Cost/income ratio	41.8%	34.4%



### Successful IPO on its own exchange



**IPO** 

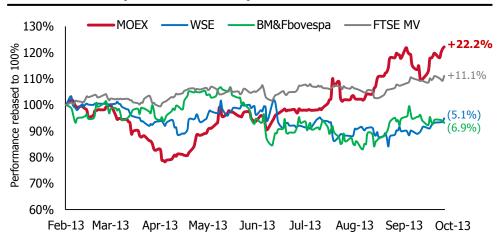
RUB 15 bn (USD 485 mn)

Moscow, Russia Feb 2013

#### Offering details

Pricing date	■ February 15, 2013
Offer size	RUB 15 bn (USD 485 mn)
Offering price	RUB 55 per share (USD 1.83)
Shares outstanding	<b>2</b> 378 489 153
Implied market cap.	<ul><li>RUB 126.9 bn (USD 4.2 bn)</li></ul>
Lock-up period	■ 180 days

#### **Share Price Outperformance vs. peers**



#### **Transaction highlights**

- Largest exchange IPO globally since 2007
- Milestone transaction for Russian capital market
- Moscow Exchange shares are listed in the top quotation list and included into MICEX and RTS indexes
- Around 1 200 shareholders as of September 25, 2013, including ~1 000 retail investors
- More than 100 foreign shareholders holding 23% of shares outstanding



# Moscow Exchange's infrastructure is a **key tool for implementing FX and monetary policy** as well as investing budget and pension funds and regulating grain market

Central Bank of the Russian Federation (CBR)	<ul><li>FX policy</li><li>Monetary policy</li></ul>	<ul> <li>FX (spot/swap)</li> <li>Direct REPO with CBR</li> <li>Auctions in unsecured credits</li> <li>Deposit and credit operations</li> </ul>	since 1999 since 2001 since 2008 since 2004
Ministry of Finance	<ul><li>Government borrowings (bonds)</li></ul>	<ul> <li>Government bonds (OFZ) market</li> </ul>	since 1993
Federal Treasury	<ul> <li>Investing budget funds</li> </ul>	<ul><li>Deposit operations</li></ul>	since 2012
Pension Fund of the Russian Federation (PFR)	<ul><li>Investing pension funds managed by PFR</li></ul>	<ul><li>Deposit operations</li></ul>	since 2013
Vnesheconombank (VEB)	<ul> <li>Investing pension funds managed by VEB</li> </ul>	<ul><li>Deposit operations</li></ul>	since 2009
Ministry of Agriculture	<ul><li>Regulating grain market</li></ul>	<ul><li>State interventions on grain market</li></ul>	since 2002



## Key growth drivers

ture	New markets and services	<ul> <li>Precious metals</li> <li>OTC derivatives clearing</li> <li>REPO with a pool of securities</li> </ul>	2013-2014
Infrastructure	Unified clearing pool (cross-margining and collateral management)	<ul> <li>FX and derivatives market expected in 1H 2014</li> <li>On the later stage will be implemented on other markets</li> </ul>	2014+
	Euroclear and Clearstream access	<ul> <li>Equities and corporate bonds will be eligible for Euroclear and Clearstream settlement services</li> </ul>	2014
ality	Privatization	<ul> <li>Russia has launched a privatization program of over \$50 billion</li> <li>The program may result in a pipeline of new listings on Moscow Exchange</li> </ul>	2013-2016
high qu issues	New placements	<ul><li>IPOs/SPOs of non-state companies</li><li>Corporate bonds, ETFs</li></ul>	2013+
New high quality issues	Corporate governance and listing reform	<ul> <li>Protection of minority shareholders, transparency and disclosure</li> <li>Convergence of domestic listing standards with the international standards</li> </ul>	2013-2014
Domestic investor demand	Pension funds investments	<ul> <li>Negative investment result redistribution</li> <li>Increase of investment horizon</li> <li>Implementation of the pension funds guarantee system</li> </ul>	2013-2014
	Retail investments	<ul> <li>Introduction of 0% tax rate on income from securities</li> <li>Tax incentives for life insurance</li> </ul>	2013-2015
	National Wealth Fund (NWF) investments	<ul> <li>Expanding the list of investable instruments for NWF</li> <li>Investments in infrastructure projects including infrastructure bonds</li> </ul>	2013-2014



# Moscow Exchange provides **exhaustive and convenient access** to the Russian market

#### Macro environment upside

#### Leading global exchange providing full access to the Russian market

- ✓ Major exchange in Russia and a leading exchange globally
- ✓ Single gateway to the Russian financial market
- ✓ Vertically integrated platform providing value added services along the chain
- ✓ Diversified product offering with integrated clearing pool

#### Infrastructure excellence

- ✓ National Settlement Depository (NSD) fully functioning CSD
- ✓ National Clearing Centre integrated clearing platform and CCP
- ▼ T+2 trading is now fully operational providing additional volumes
- Euroclear and Clearstream settlement services

#### **Support from the regulator**

#### Attractive for issuers and investors

- ✓ Successful IPO on its own exchange
- ✓ Local shares are more attractive than depositary receipts
- ✓ Securities market growth potential
- ✓ Unique domestic investment opportunities on Moscow Exchange

#### Clear steps to improve the market infrastructure further



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- -perception of market services offered by the Company and its subsidiaries;
- -volatility (a) of the Russian economy and the securities market and (b) sectors with a high level of competition that the Company and its subsidiaries operate;
- -changes in (a) domestic and international legislation and tax regulation and (b) state policies related to financial markets and securities markets;
- -competition increase from new players on the Russian market;
- -the ability to keep pace with rapid changes in science and technology environment, including the ability to use advanced features that are popular with the Company's and its subsidiaries' customers;
- -the ability to maintain continuity of the process of introduction of new competitive products and services, while keeping the competitiveness;
- -the ability to attract new customers on the domestic market and in foreign jurisdictions;
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