



Department for
External Economic
and International Relations
of Moscow Government

SMART AND SUSTAINABLE MOSCOW



GENERAL INFO: POPULATION, DENSITY, GDP



MOSCOW

Population **12.6** million

Population density **5000** people/km²

GDP **\$ 286.6** billion

Big Mac index **\$ 2.7**

HOUSTON

6 million

1510 people/km²

\$ 341 billion

\$ 4.07



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FOREIGN INVESTMENT AND OVERSEAS TRADE IN 2019



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Foreign direct investment is about **USD 250 billion**
The **USA** investments amount to **USD 2,2 billion**

Key investing countries:
Germany, France, Italy, Switzerland, Austria, Luxembourg, Cyprus, the UK, China
The **USA** ranks **13th** among investing countries

Foreign trade turnover between Moscow firms and foreign partners is more than **USD 300 billion**
Turnover between Moscow and the USA in the first half of 2019 amounted to **USD 6,6 billion**

280 enterprises with American capital
are registered in Moscow

MOSCOW IN THE INTERNATIONAL RANKING



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Moscow: 1st place



among
Russian
regions



Integrated
development of
the transportation
system



arrangement of
paid parking lots



arrangement of the
city transportation
system



**“Size matters:
The first place in the world
as a capital region – in 2017”**

Moscow ranked second

in 11 out of 13 indicators:

- high growth of human capital
- high performance of the education system
- high growth rates of the creative industry
- number of jobs created outside the agglomeration
- entrepreneurship support

**9th place – Major European
Cities of the Future 2020-2021**
Top 10 in the nominations:

- Human capital and lifestyle
- Cost effectiveness
- Convenience for business
- Economic potential



Russia: 28th place in 2019

MOSCOW/RUSSIA IN THE INTERNATIONAL RANKING



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1st place

The UN study on
e-government issues



TOP 5

attractive European
cities for investors



Special Award

“Delivery of E-Public
Services”



Special Award

Preservation of
Historical and
Architectural
Landmarks (2019)



Special Award

Grand Sports
Arena of Luzhniki
Zaryadye Park



TOP 5

City ready for
future technologies

MOSCOW/RUSSIA IN THE INTERNATIONAL RANKING



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Special Award
World's Leading
City Destination



5 Moscow
finalists
in 2020

FINDEXABLE

Top 7 in Europe
Development of an ecosystem
of financial technologies

STARTUP
Blink

TRANSPORT
TICKETING
GLOBAL

Stephane Tijck
CONSULTING

TOP 10
Startup Ecosystem
Rankings 2019

Special Award
Best Smart Ticketing
Programme 2020

TOP 10
Economic Power
Index 2019

IT IS INTENDED TO BUILD 255 MAJOR TRANSPORT HUBS

\$18.2 bln – the amount of expected private investment in transfer hubs

- building more than 14.5 million m² of real estate **in the adjoining area**
- combining metro and railway lines, highways, suburban and city bus stations
- availability of commercial real estate, business centres, online information systems



2018 – 2020 PLAN:

- **289** km of roads
- **76** bridges, tunnels and overpasses
- **42** pedestrian crossings
- **Upgrading** the intelligent transportation system



INTELLIGENT TRAFFIC CONTROL SYSTEM



2,000
photo and video
recorders

160,000+
surveillance
cameras

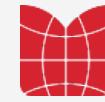
20% increase in the average traffic speed

60% reduction in the number of traffic accidents

40% decrease in road fatalities

3,700
detectors

integration
with traffic police



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METRO development results

169 km metro lines

87 new metro stations

8–10 million passengers per day

**95% of Muscovites will have
pedestrian access to metro stations**

RAILWAY JUNCTIONS, from 2017 to 2020

1,465 km length of Moscow railway
junction tracks

by 3.5 min train traffic interval will be reduced

by 1.5 times train speed will increase



- ✓ High-speed WI-FI
- ✓ Video surveillance and facial recognition system
- ✓ Smart navigation
- ✓ Traffic interval up to 90 seconds at rush hour



DEVELOPMENT OF SURFACE PUBLIC TRANSPORT



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- reduced noise and vibration levels
- USB and Wi-Fi chargers
- climate control system
- video surveillance
- satellite navigation
- fitted with special equipment for passengers with reduced mobility



Twofold
reduction
of the bus waiting
time in the city centre
(from 16 to 8 minutes)

100%
Wi-Fi available
in public transport

100%
**of new busses
are connected**
to the GLONASS
navigation system
that allows real-time
bus tracking

**Over 19
million trips**
on public transport daily
on weekdays

DEVELOPMENT OF TAXI SERVICES



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1,000,000
trips per day



100,000
vehicles



3 – 5
minutes
average taxi arrival
time at rush hour

CAR SHARING



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8 people daily use
the services of renting
the same car



100,000 trips per day

17,500 vehicles



15 companies
are engaged

ALTERNATIVE TRANSPORT DEVELOPMENT



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130

Electric bikes



25,000

trips per day



430

stations



4,300

bikes



BIKE RENTAL

Targets:

+100 stations

(1,000 bikes) annually,

+130 electric bikes

annually



ELECTRIC SCOOTER RENTAL From June 2018

Targets:

3,000 new electric

scooters annually



3

operators



2,950

Electric scooters



1,300

trips per day



150,000

registered users

IMPROVEMENT OF CITY PARKS AND STREETS



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before

after



REDEVELOPMENT AND RENOVATION RESULTS (2011–2019)

the most ambitious city improvements over the past 50 years

- creation of new green spaces
- modern energy efficient lighting
- extension of pedestrian zones to **311 km**
- more than **1,500** facades of historical buildings were renovated
- more than **330** streets were repaired
- **773 km** of bike lanes and sidewalks
- more than **150** parks
- more than **50%** of yard space was improved and landscaped

Programme for renovating the housing stock from 2017:

- More than **5,000 houses**
- **1 million Muscovites** will receive new apartments
- **15 million m²** will be pulled down
- The programme's budget exceeds **\$50 billion**

The programme's goal:

- Quality renovation of the housing stock
- Creating a comfortable modern urban environment
- Solving the transport problem
- Enhancing the appeal of investment in the city development

CREATING THE URBAN ENVIRONMENT OF NEW QUALITY



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2019 – an active programme implementation phase



Key goals

- *Comfortable living conditions in all the capital's districts*
- *Maximum comfort level for all the city residents*

The largest city improvement project



Key objectives

- *Renovation of streets*
- *Renovation of housefronts*
- *New building illumination*

- *232 km of recreational routes*
- *200+km of bike lanes*
- *1,474 skating rinks*
- *300+ bike rentals*
- *370 km of skiing pistes*



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Urban Land
Institute

UNI GLOBAL AWARD
FOR EXCELLENCE 2019

RENOVATION OF INDUSTRIAL ZONES



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ZIL Industrial Zone

Total area: **377.6 ha**
5.2 million sq m – a territory for construction and renovation projects

A large ice palace “PARK OF LEGENDS” was opened

Total area: **30 ha**
Seating capacity:
more than **15,000** people

18,880 ha – the total area of industrial zones

4,700 ha is under restructuring

7,800 ha is under partial restructuring

40 million m² of real estate



TECHNOPOLIS MOSCOW

INVESTMENT: over \$380 MILLION

- Advanced materials, surfaces and nanotechnologies
- Medical technologies, medical devices and biomedical sciences
- Microelectronics, optics, robotics



PROSPECTS UNTIL 2035:

100 million sq. m
of real estate

1.5 million residents

1 million new jobs

12 innovation clusters

\$110 bln

of INVESTMENT

85%

OF PROPERTIES WAS BUILT
THROUGH INVESTMENT

ZARYADYE LANDSCAPE PARK – special prize of MIPIM Awards-2019



Total area: 10.2 ha

- *Churches*
- *Museums*
- *Cultural heritage sites*

The park's attendance: 12 million people per year

- *Concert hall*
- *“Soaring Bridge”*
- *Hotel*
- *“Flight over Moscow” attraction*

- *Restaurants*
- *Research laboratories*
- *Underground parking area*

“DREAM ISLAND” AMUSEMENT PARK – the winner of The European Property Awards regional phase



- Indoor theme park
- Movie theatre
- Skating rink
- Concert hall
- Hotel complex
- Children's yacht school

The park's area totals about 100 ha



12 million people will be able to attend the park and concert hall annually



REDUCING ATMOSPHERIC POLLUTION



Atmospheric pollution has been reduced through:

- motor fuel quality control
- building pedestrian zones and extending green spaces
- developing public transport
- developing the road network (renovating highways, building road junctions)
- restricting entry into the city for heavy trucks

- ✓ carbon monoxide (CO) level: reduced by **5 times**
- ✓ nitric oxide (NO) level: reduced by **7–10%**
- ✓ sulfur dioxide (SO₂) level: reduced by **10 times**

CLEAN AND GREEN MOSCOW: PARKS



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- **Green spaces occupy more than 50% of the whole Moscow territory**
- **More than 6 million trees and bushes** have been planted over the past seven years
- Festivals, exhibitions, lectures, performances, workshops and excursions, dance floors, areas for picnics and sporting events



LUZHNIKI OLYMPIC PARK



Total seating capacity:

81,000 people

Total area: **221,000 m²**

35 projects were built through investment

STATE-PRIVATE PARTNERSHIP – VTB ARENA



32,000 sq m:

- Central DYNAMO Stadium
- DYNAMO Sports School
- Arena Park residential estate



EDUCATION AND PUBLIC HEALTHCARE IN MOSCOW

Moscow State Programme “Development of Education in the City” 2012–2019



Budget: \$28 bln

- **224,000** computers and **129,000** laptops and gadgets
- **17,000** interactive whiteboards
- **28,000** multimedia projectors
- about **1.5** million children at kindergartens and schools
- Moscow Electronic School

Moscow State Programme “Development of City Healthcare” 2012–2020



Budget: \$27 bln

- **Over 90%** of healthcare centres were renovated by the end of 2017
- **5–8 minutes** – average ambulance arrival time
- Average life expectancy – 78 years
- Unified electronic information and analytical system



SKOLKOVO

Advantages for foreign business:

- Simplified land acquisition mechanism
- Foreign medical staff
- No Russian medical education required
- No certification required for foreign medical equipment and pharmaceuticals

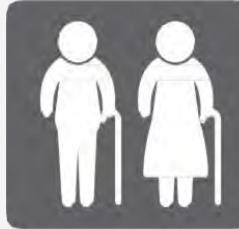


- Diagnostic centre
- Rehabilitation centre
- Research centre
- Training centre





MOSCOW GOVERNMENT'S PROGRAMME "SOCIAL ASSISTANCE FOR MOSCOW RESIDENTS"



SILVER UNIVERSITY PROJECT AIMING:

- ✓ to create employment opportunities for senior citizens
- ✓ free education is divided into five areas:
 - humanities
 - health and safety
 - mass communications and IT
 - culture and art
 - psychological support



ACTIVE AGEING IN MOSCOW PROJECT

Mission: to provide senior citizens with opportunities for active and natural socialization

- ✓ to raise life expectancy and living standards for senior citizens
- ✓ to provide senior citizens with more opportunities for involvement in cultural, educational, sports, recreational and other events
- ✓ all events are free of charge



2011–2018 RESULTS

34% of projects were built through investment



217 kindergartens



80 schools



66 healthcare centres



41 cultural institutions



90 sports institutions

2019–2020 PLAN



57 kindergartens



72 schools



62 healthcare centres



32 cultural institutions



51 sports institutions



INTERACTION AND SECURITY:

- ✓ **suggest ideas** on given topics
- ✓ **comment and discuss**
- ✓ Video surveillance systems – **more than 160,000 cameras**



GOVERNMENTAL PORTAL “ACTIVE CITIZEN”:

- ✓ the tool for interaction between citizens and local urban authorities
- ✓ decision making is by open voting available on the website and mobile application
- ✓ more than **2,400,000** people have been registered to date

- **144,000** people
- **over 91,000** ideas



- transparency of the service receiving process
- the service delivery progress can be tracked

Moscow is a megacity most ready for IT implementation

- ✓ **330 services**
- ✓ **8.8 million people** receive e-services
- ✓ **300 million requests** per year
- ✓ **92%** – Muscovites' level of satisfaction with the quality of administrative services

- requests can be submitted electronically, whenever convenient, via the Internet
- reduced corruption risk



more than
24,000,000
TOURISTS
VISITED
MOSCOW
IN 2018



Since 2010,
the tourist traffic in
Moscow has increased by

70%

the number of
restaurants at the
end of 2018

10,000

number
of rooms
at hotels

**More
than
80,000**



TOP 20
sites to visit in 2018



TOP 10
fantastic sites to visit in
the autumn of 2018



NATIONAL
GEOGRAPHIC

TOP 7
most interesting tourist
sites in 2017



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In 2018, the winner of
the World Festival and Event
City Award of the International
Festivals and Events
Association



**THANK YOU
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