



Department for External  
Economic  
and International Relations  
of Moscow Government

# SMART AND SUSTAINABLE MOSCOW



## FOREIGN INVESTMENT AND OVERSEAS TRADE IN 2018



Department for External  
Economic  
and International Relations  
of Moscow Government

Foreign direct  
investment as of **1st January 2019**:  
about **EUR 225 billion**

Foreign trade turnover between  
Moscow organisations  
and foreign partners:  
more than **EUR 270 billion**

Key investing countries:  
**Germany, France, Italy, Switzerland,  
Austria, Luxembourg, Cyprus, USA,  
UK, China**

# MOSCOW IN THE INTERNATIONAL RANKING

## Moscow: 1<sup>st</sup> 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



1<sup>st</sup> place – East European Cities  
of the Future 2018-2019  
Top 10 in the nominations:

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



**Russia: 28<sup>st</sup> place in 2019**

## MOSCOW/RUSSIA IN THE INTERNATIONAL RANKING



### 1<sup>st</sup> place

The UN study on e-government issues



### Special Award

“Delivery of E-Public Services”



### Special Award

Grand Sports Arena of Luzhniki  
Zaryadye Park



### TOP 5

attractive European cities  
for investors



### Special Award

Preservation of  
Historical and  
Architectural Landmarks  
(2016)



### TOP 5

City ready for  
future  
technologies



# TRANSPORTATION INFRASTRUCTURE



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## IT IS INTENDED TO BUILD 255 MAJOR TRANSPORT HUBS

**€16.52 bln** – the amount of expected private investment  
in transfer hubs

- building more than 14.5 million m<sup>2</sup> 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



**20%** increase in the average traffic speed

**60%** reduction in the number of traffic accidents

**40%** decrease in road fatalities

**2,000**  
photo  
and video recorders

**160,000+**  
surveillance  
cameras

**3,700**  
detectors

**integration**  
with traffic police



### METRO, from 2018 to 2025

**169 km** metro lines  
**74** 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



**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

**Targets:**

**+100 stations** (1,000  
bikes) annually,  
**+130 electric bikes**  
annually



**BIKE RENTAL**



**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

before → after



## REDEVELOPMENT AND RENOVATION RESULTS (2011–2018)

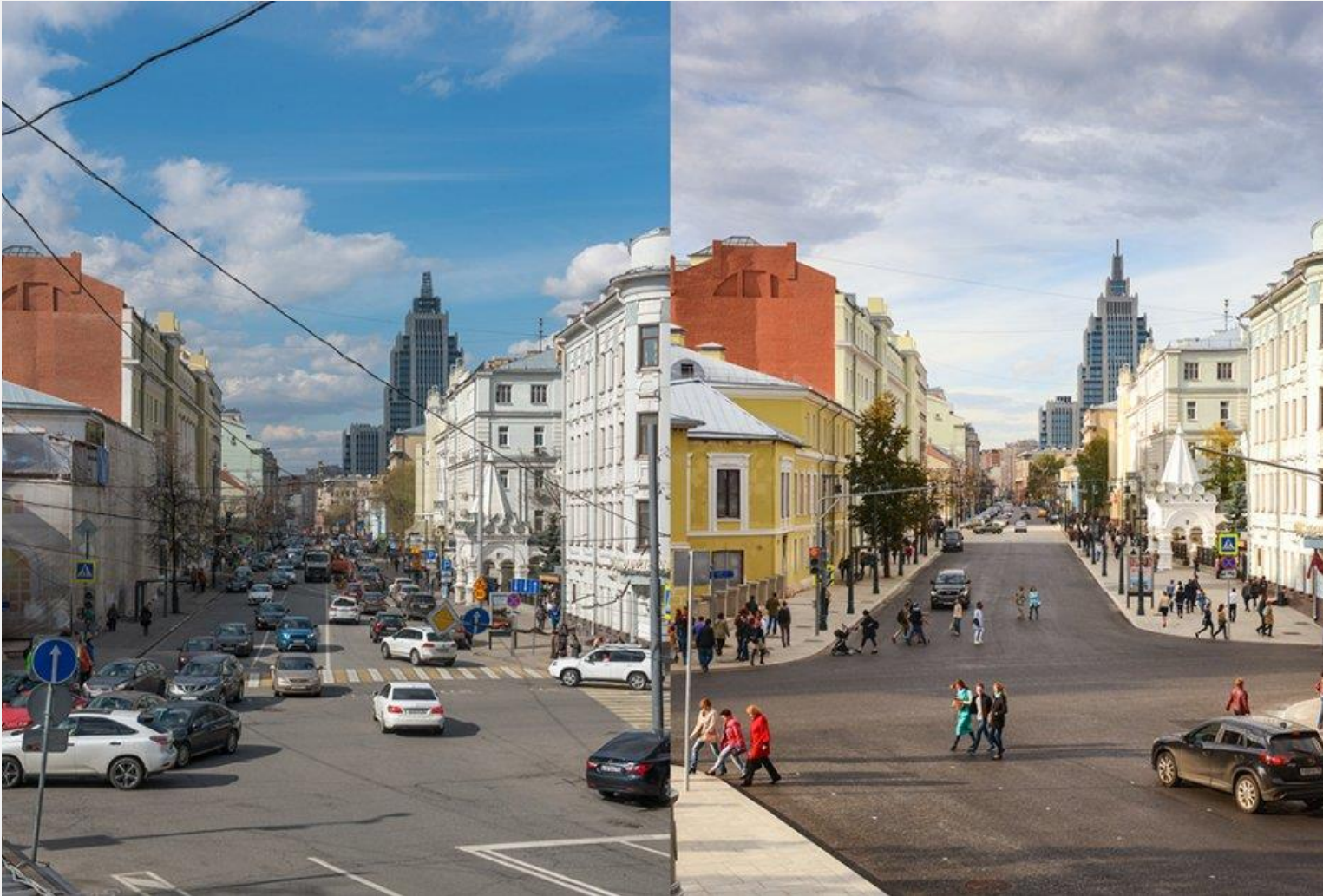
the most ambitious city improvements over the past 50 years

- 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



# URBAN ENVIRONMENT CLEANING

before → after



## REDEVELOPMENT AND RENOVATION RESULTS:

extension  
of pedestrian zones

new wide  
granite kerbs

renovation of over 1,500  
building facades

Million of Trees  
Programme





### Programme for renovating the housing stock from 2017:

- More than **5,000 houses**
- **1 million Muscovites** will receive new apartments
- **15 million m<sup>2</sup>** will be pulled down
- The programme's budget exceeds **€45.37 billion**

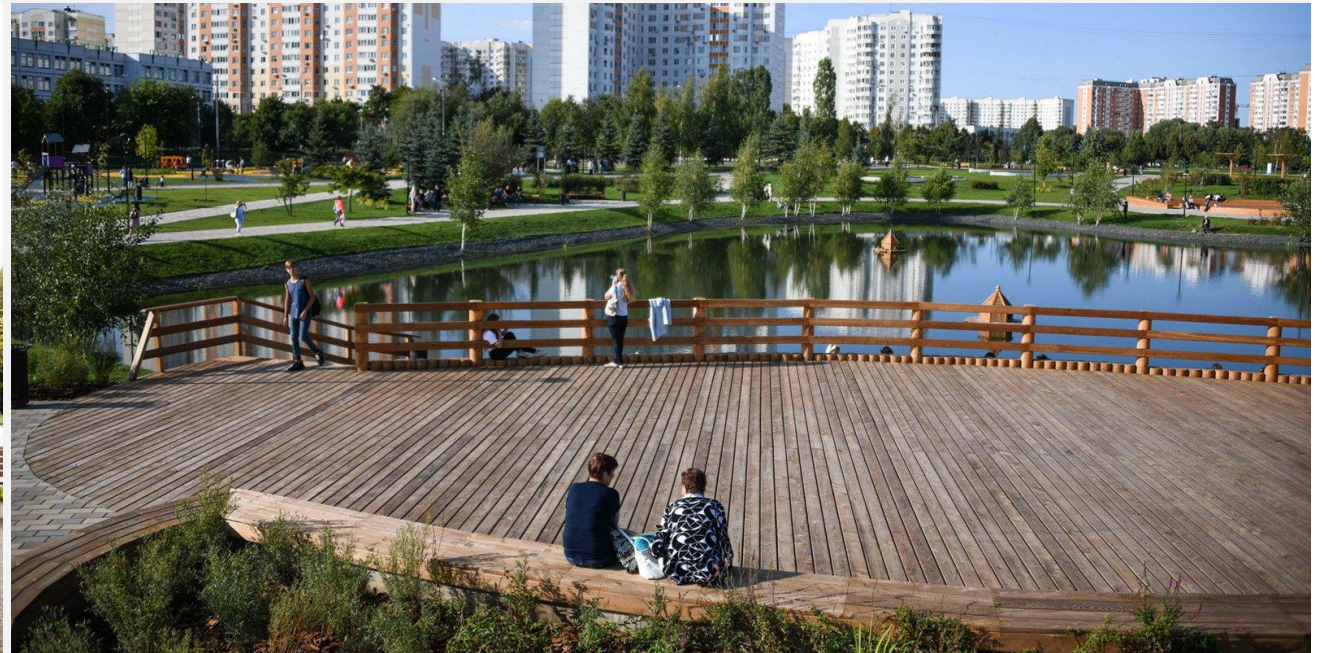
### The programme's goal:

- 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





## 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*



# MY STREET PROGRAMME

## 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



**UNI GLOBAL AWARD  
FOR EXCELLENCE 2019**



# RENOVATION OF INDUSTRIAL ZONES



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## ZIL Industrial Zone

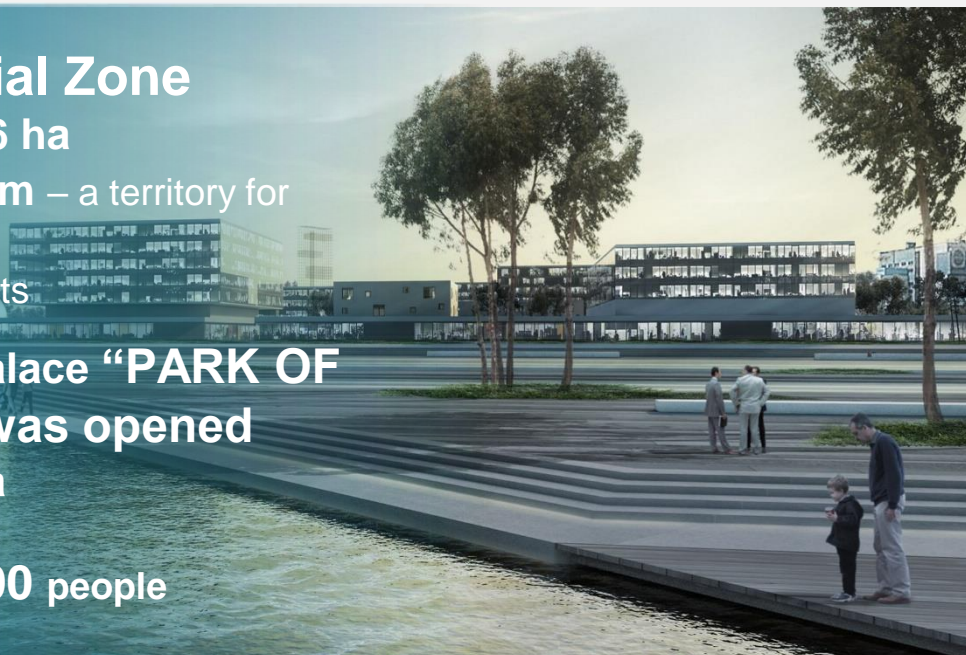
Total area: 377.6 ha

**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

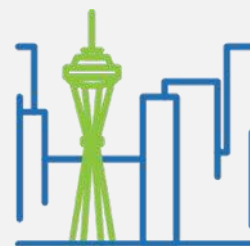
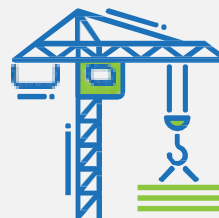
**7,800 ha** is under partial restructuring

**40 million m<sup>2</sup>** of real estate

## TECHNOPOLIS MOSCOW

**INVESTMENT: over €309 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

**€100 bln**

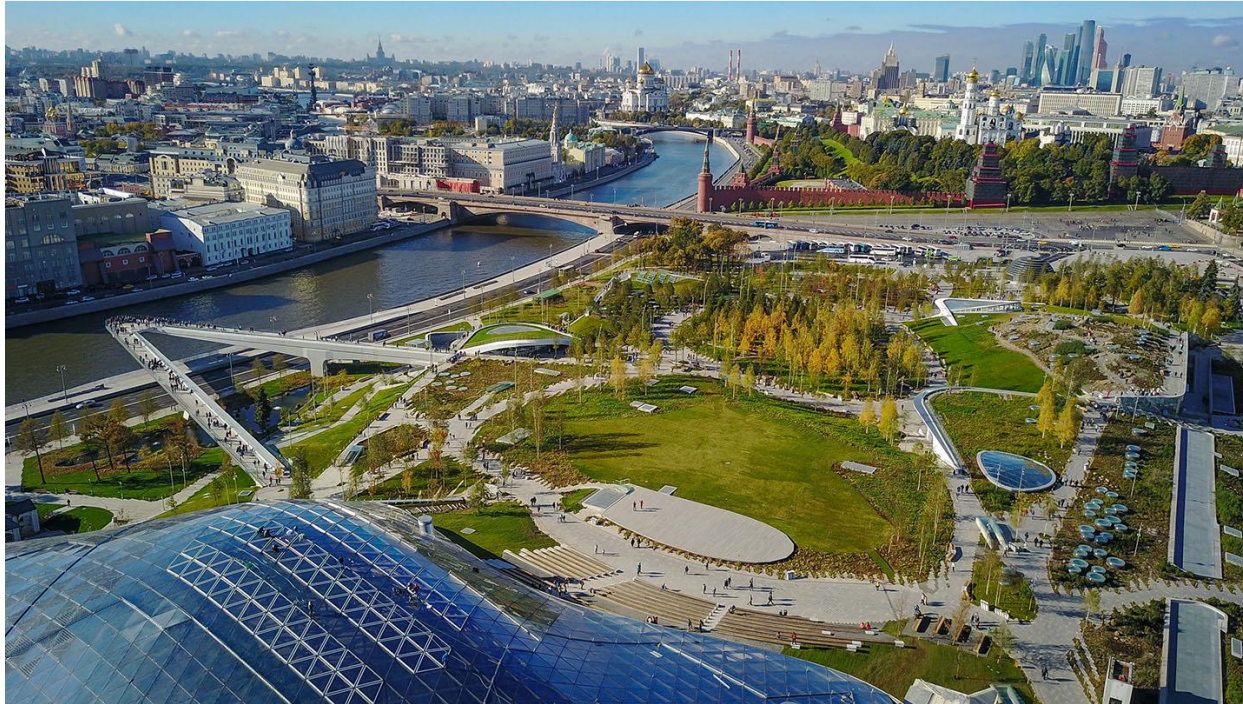
of INVESTMENT

**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



# PROJECTS ON THE MOSKVA RIVER



## “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**

**50 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 (SO<sub>2</sub>) level: reduced by **10 times**



# CLEAN AND GREEN MOSCOW: PARKS



- 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 m<sup>2</sup>**

**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” 2012–2018



#### Budget: €25.41 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: €24.5 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**



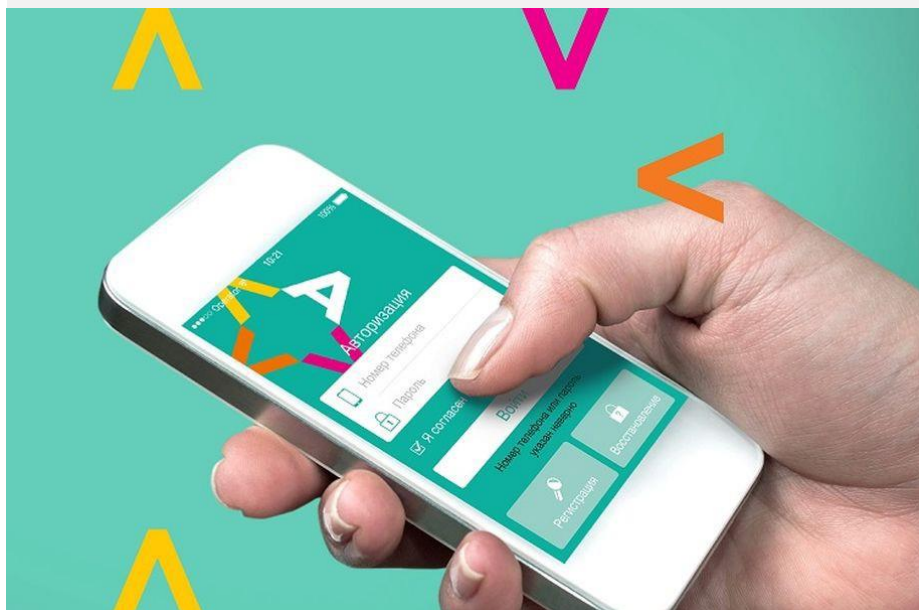
**62 healthcare centres**



**32 cultural institutions**



**51 sports institutions**



### 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

### INTERACTION AND SECURITY:

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

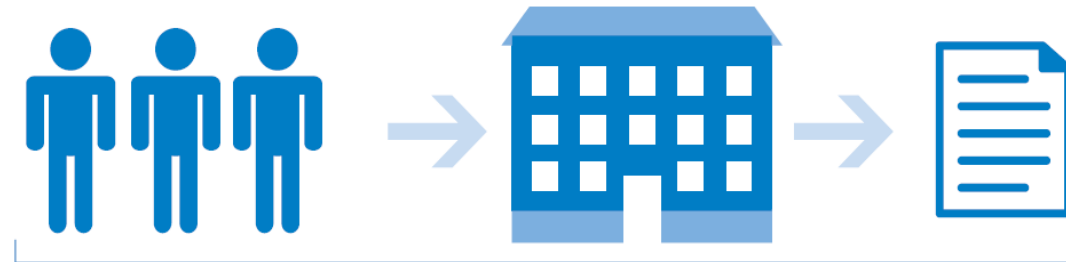


- **144,000** people
- **over 91,000** ideas



# ELECTRONIC GOVERNMENT ELECTRONIC SERVICES

## Receiving public services



Past



Present

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

## Moscow is a megacity most ready for IT implementation

- ✓ **330 services**
- ✓ **7.9 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

## TOURISM INFRASTRUCTURE



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



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



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**

**The  
Telegraph**

**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





**THANK YOU  
FOR YOUR ATTENTION**

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