

SMART TAXIS FOR SMART CITIES



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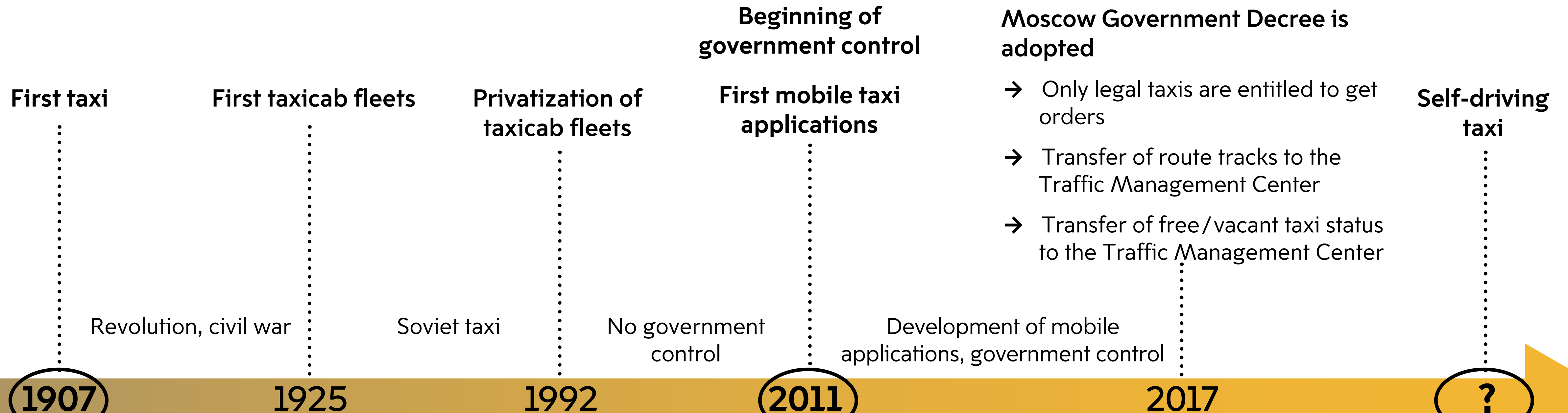
Moscow
Transport



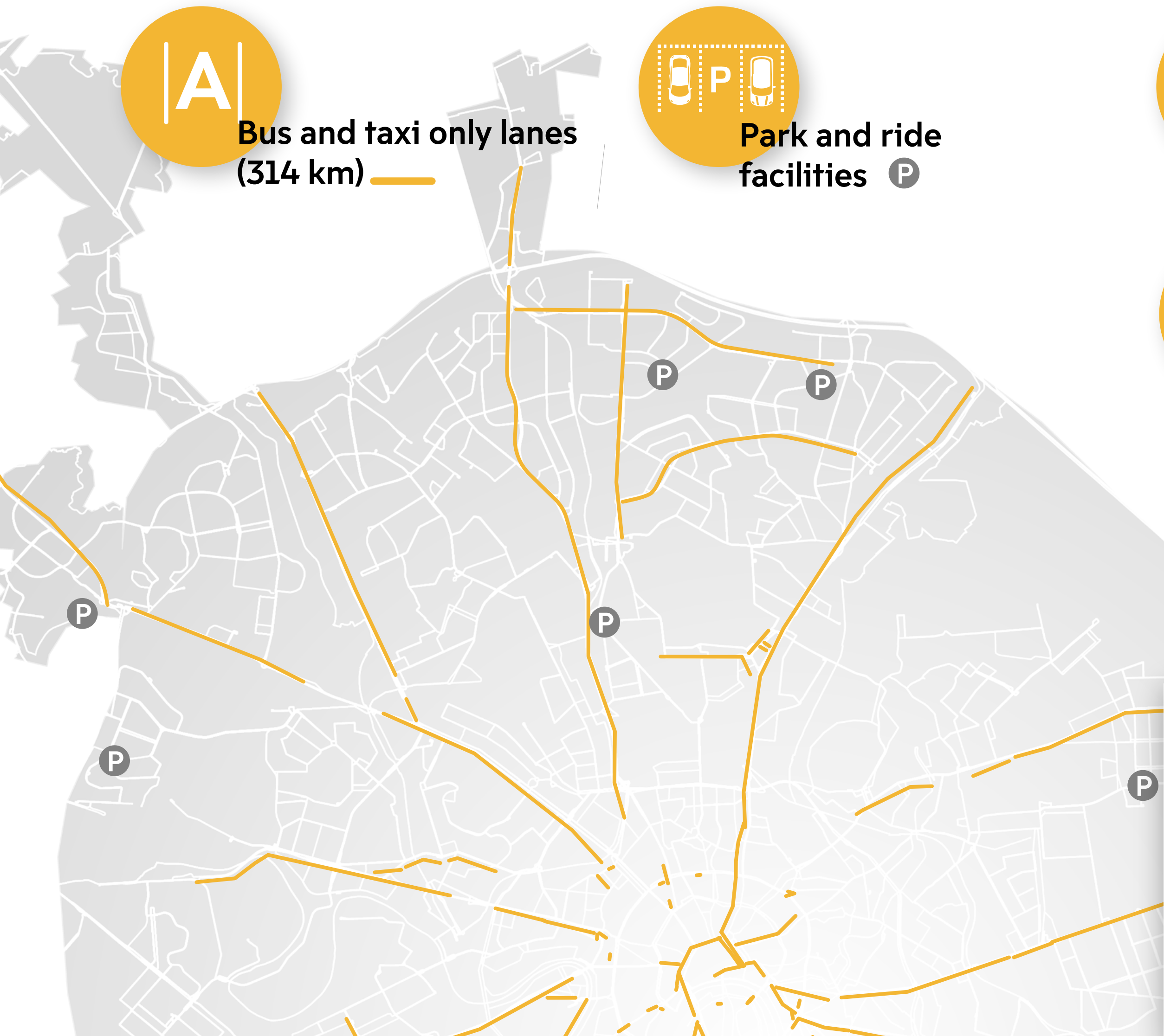
Taxi



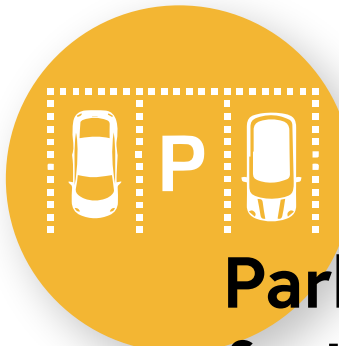
1 MOSCOW TAXI – 111 YEARS



WHAT HAS BEEN DONE – MECHANISMS EFFECTING TAXI DEVELOPMENT



Bus and taxi only lanes
(314 km)



Park and ride
facilities



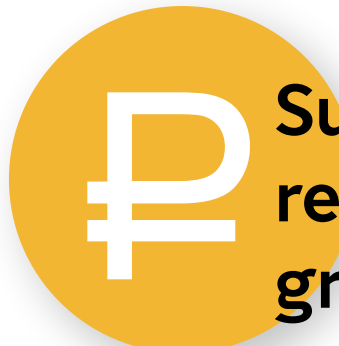
Reserved taxi parking lots
(319 - 1453 parking lots)



High-speed Internet (mobile
applications for ordering a taxi)



Paid parking (initiative to
refuse private vehicles)



Subsidy for taxi park
renewal – ₺ 0.5 bln (€6.7 mln)
granted in 6 years;
an average taxi is 2,8 years old



Perfectly comfortable for
short trips



Private car, taking into account its value, irregular use, paid parking, insurance, taxes – can be more expensive than taxi (excluding trips of the country).
Bus and taxi only lanes save time in traffic jams.

3 HOW PASSENGERS ORDER TAXI IN MOSCOW



Tendency towards growth of in-app taxi orders and reduction in a number of orders received by other ways (by phone, "flags", etc.)



Main mobile applications

Yandex. Taxi
(the largest number of orders)

Gett

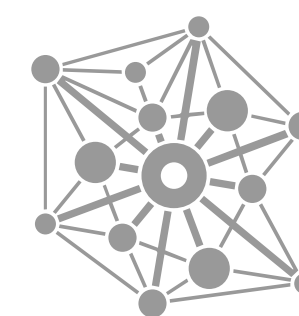
Vezet

City Mobil

4 CONNECTION OF TAXI TO THE TRAFFIC MANAGEMENT CENTER



Largest Moscow taxi service companies are connected

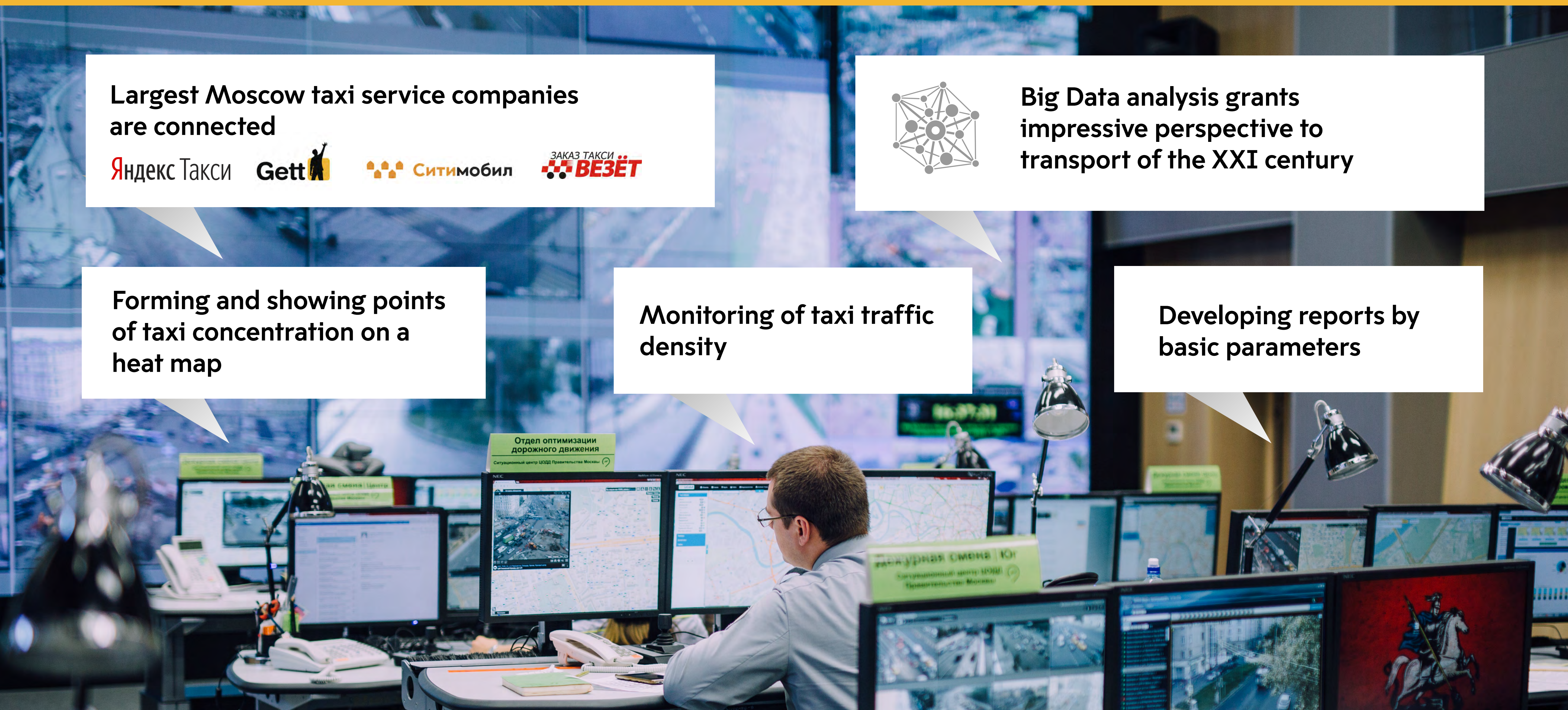


Big Data analysis grants impressive perspective to transport of the XXI century

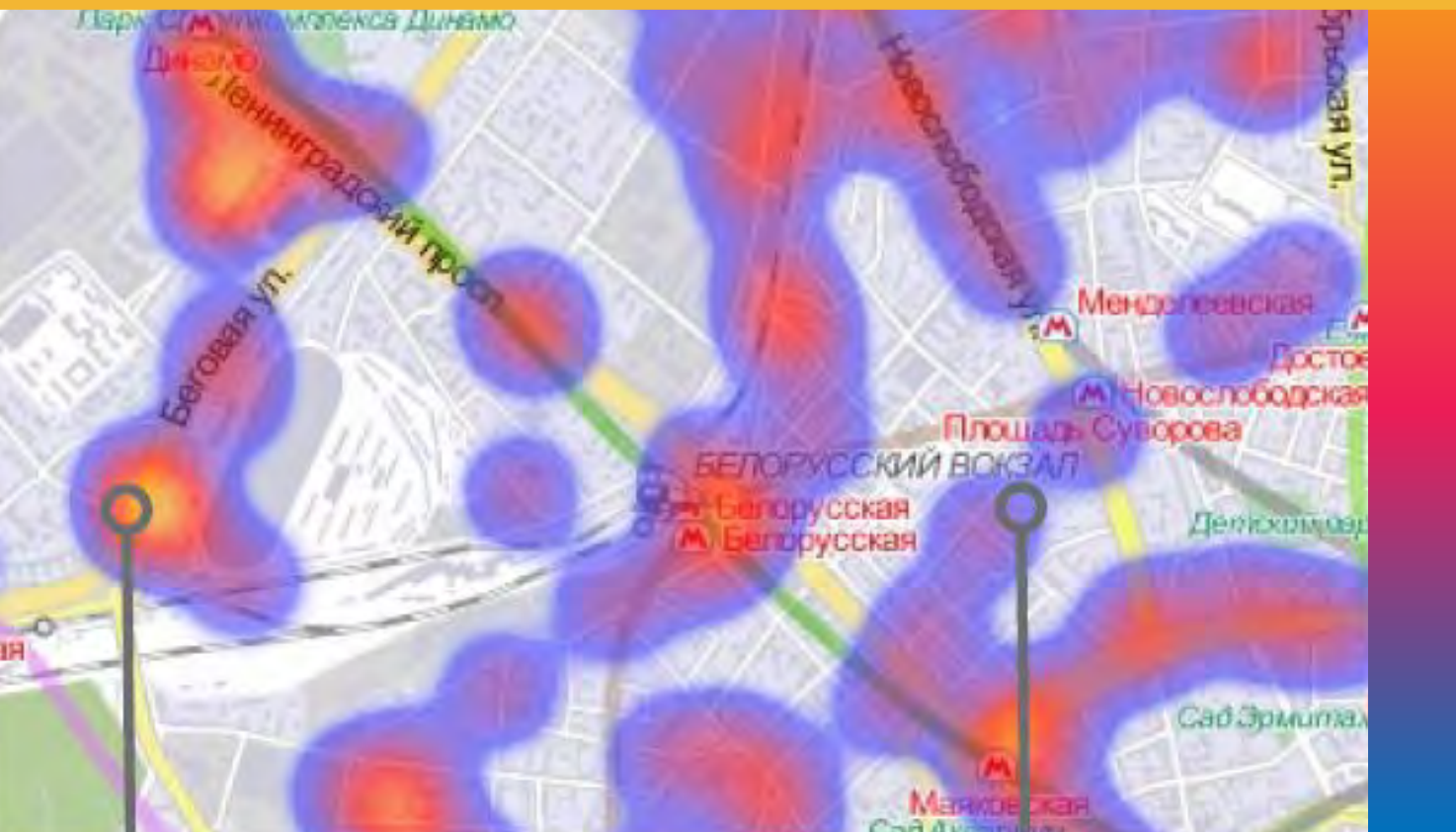
Forming and showing points of taxi concentration on a heat map

Monitoring of taxi traffic density

Developing reports by basic parameters

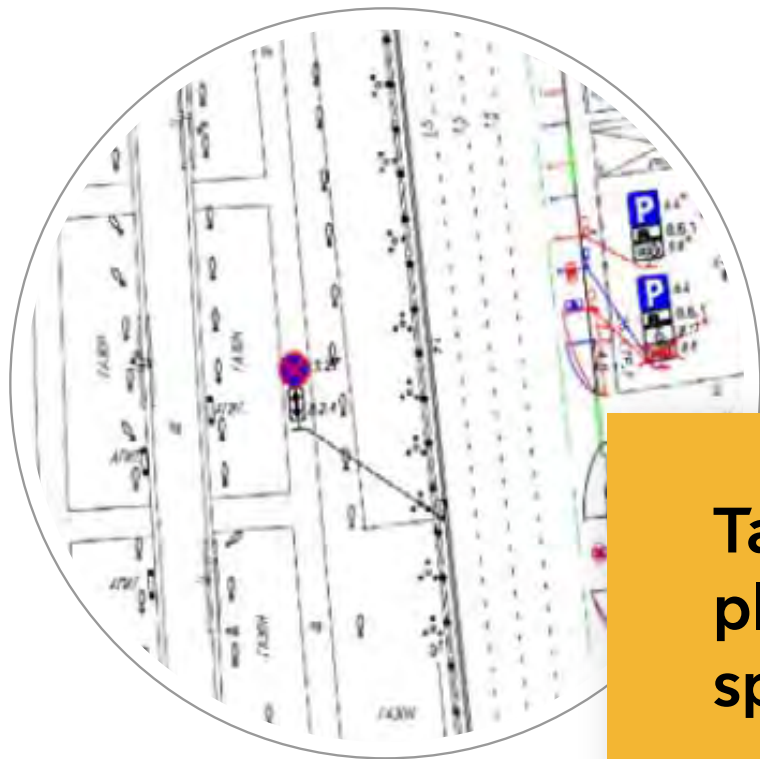


5 USE

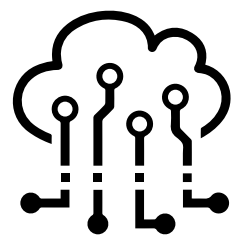


Orange color indicates high concentration of vehicles in the local area

Blue color indicates low concentration of vehicles in the local area

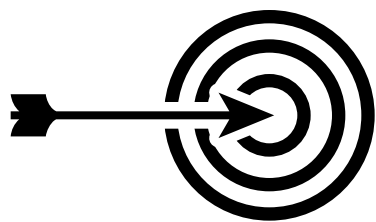


Taxi Heat Map – a decision-making tool for event planning pertaining to management of parking spaces for light vehicles (taxis)



Analysis of popular taxi travel routes at different times of the day

- Management of night regular routes
- Management of new dedicated lanes
- Management of hiring bikes/scooters for analysis of short travels of 'the last mile' type



Planning for the purpose of

- Controlling over drivers' working time
- Involving (into work) those drivers who have been medically examined using tele-health care services (remote exams)
- Checking based on databases (tax, insurance databases and databases of other control authorities)



Review of Traffic Management Scheme in areas with high concentration of vehicles

- Management of taxi stands
- Extension of traffic areas

6 ACHIEVEMENTS OF MOSCOW TAXI

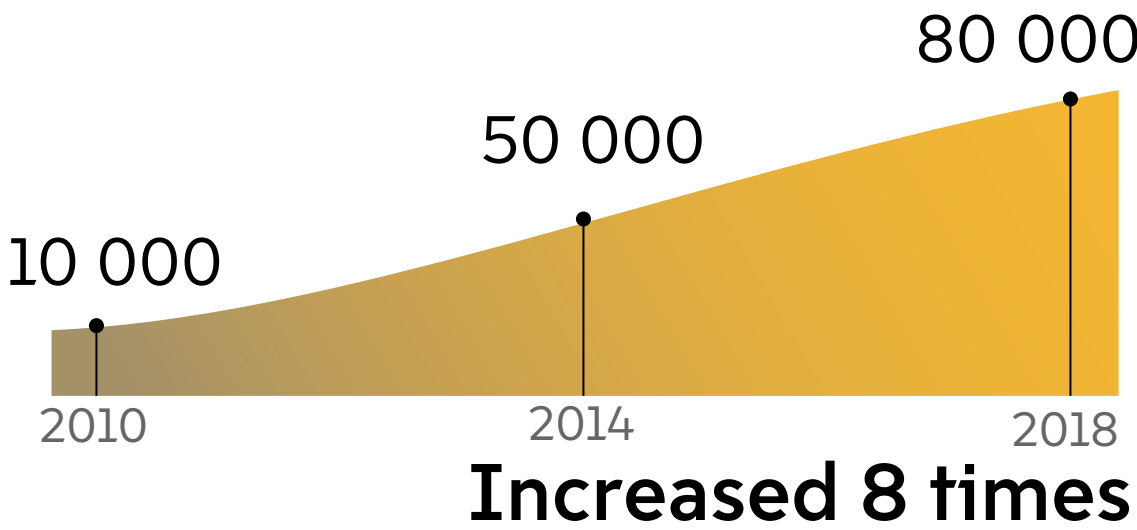


TOTAL

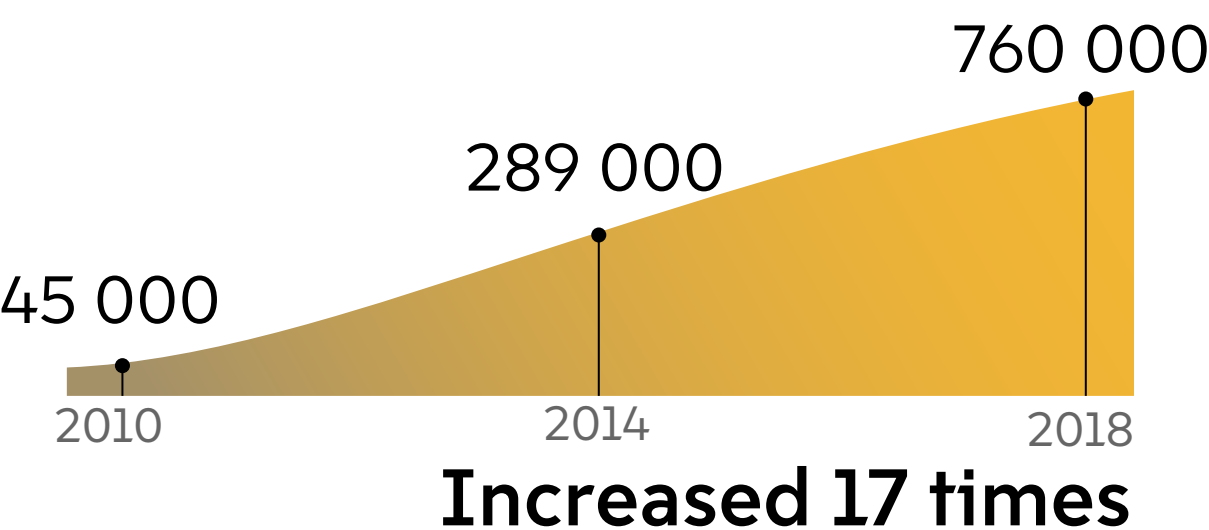
50 144*
Valid permits in Moscow

112 870*
Valid permits in Moscow region
(of which 20 000 to 30 000 operate in Moscow)

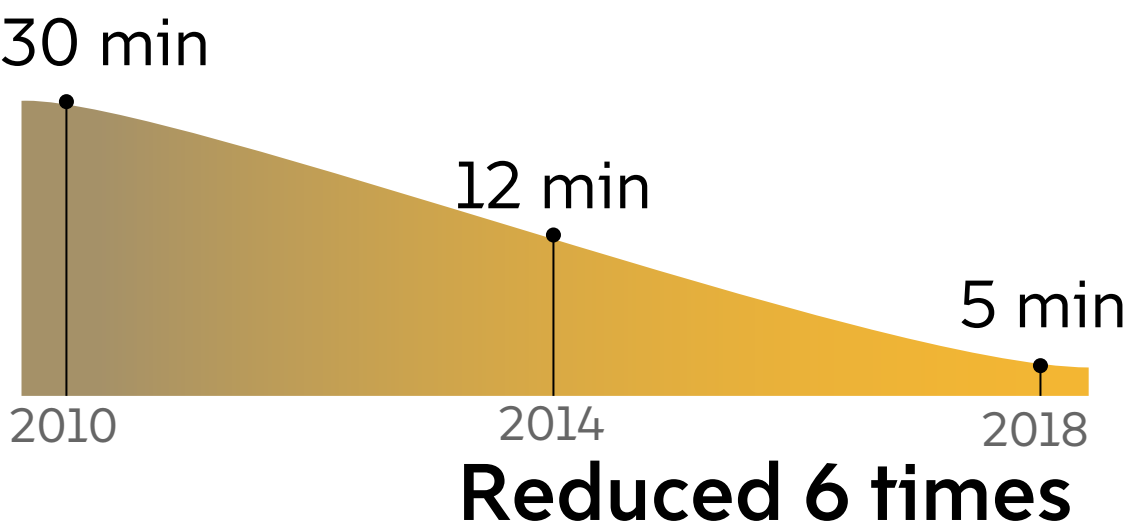
Number of taxis operating in Moscow**



Passenger traffic per day



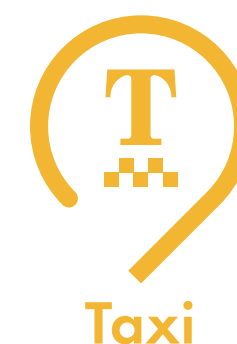
Arrival time



Moscow corresponds to the world's major cities for the development of the transport system and it is the leading city in Russia. The priority is the development of transport on alternative fuels and infrastructure for them (electricity, gas fuel). As well as technology of autonomous vehicles.

* As of 25.10.2018

** Taxis of Moscow and Moscow region



THANK YOU!

Dmitriy Pronin

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