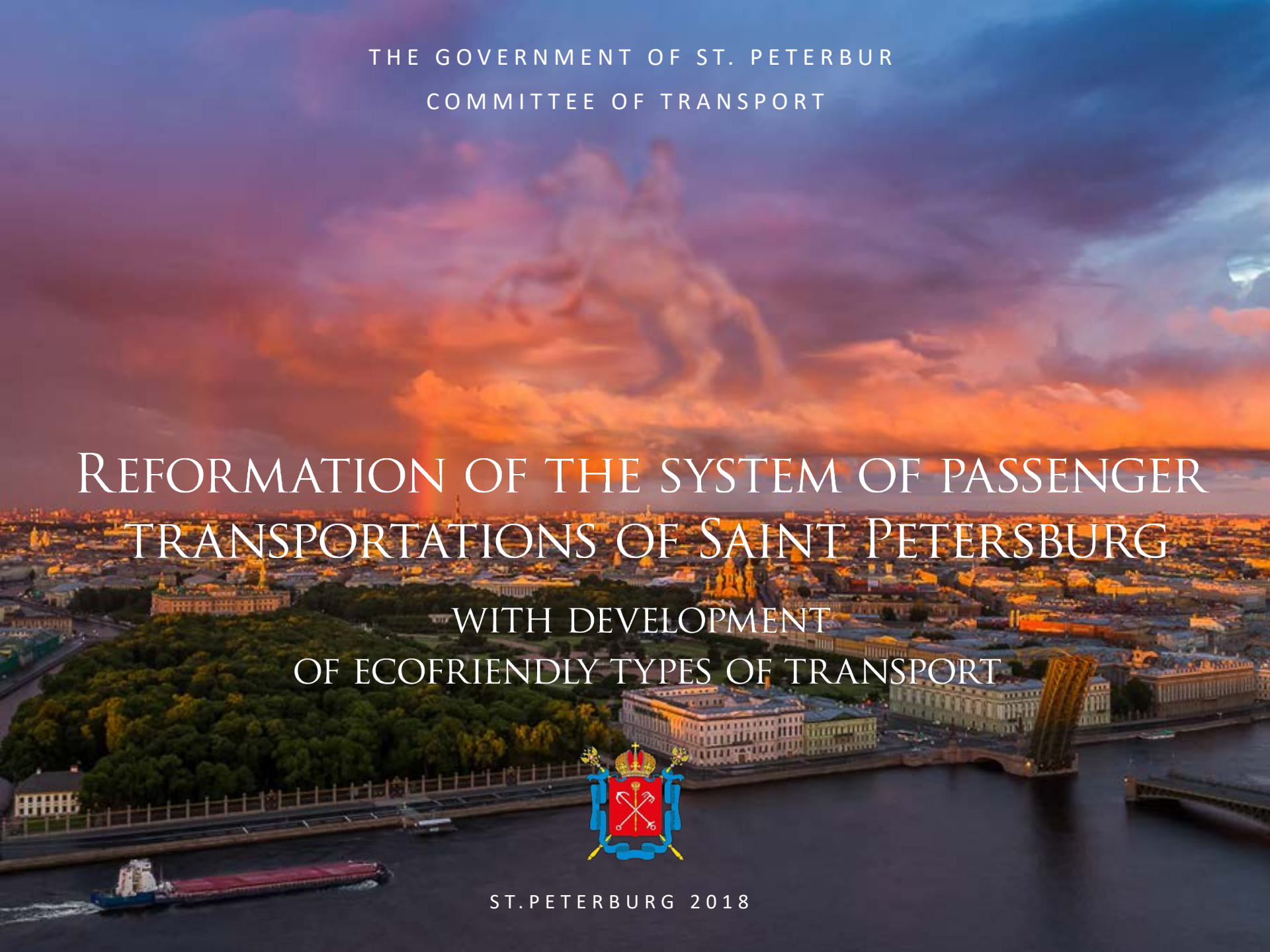


THE GOVERNMENT OF ST. PETERBUR

COMMITTEE OF TRANSPORT

Reformation of the system of passenger transportations of Saint Petersburg

with development of ecofriendly types of transport

ST.PETERBURG 2018

Characteristics

	REGULATED TARIFF	UNREGULATED TARIFF
Number of routes	75 bus routes for electric transport routes	287 bus routes
Number of vehicles	2334 buses (large, extra large capacity)	about 4000 buses (medium, low capacity)
	527 trams 423 trolleybus	
Volumes of transport work	157.3 million km on bus routes	248.2 million. km on bus routes
	57.2 million km on electric transport routes	
Number of transported passengers	456.4 million. pass. on bus routes	540.0 million. pass. on bus routes
	456.4 million. pass. on bus routes	

The objectives of the reform of the passenger transportation

- **IMPROVEMENT OF THE TRANSPORT SITUATION AT MAJOR TRANSPORT HUBS AND PUBLIC TRANSPORT STOPS**
- **IMPROVING THE SAFETY OF PASSENGER TRANSPORT**
- **PROVIDING UNIFORM CONDITIONS OF TRAVEL ON ALL ROUTES FOR ALL CATEGORIES OF PASSENGERS**
- **ENVIRONMENTAL IMPROVEMENT**

The main objectives

- **PASSENGER TRANSPORT SURVEY IN REGULAR TRANSPORT ROUTES IS CONDUCTED**
- **THE STANDARD OF QUALITY OF TRANSPORT SERVICE OF THE POPULATION IS DEVELOPED**
- **PILOT PROJECT ON REFORMING THE ROUTE NETWORK REALIZED**
- **A NEW MODEL OF TRANSPORT SERVICE OF THE POPULATION IS DEVELOPED**

Before the reform

After the reform

Specifications of the model transport service

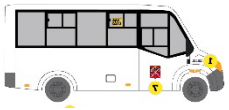
INDICATOR NAME	EXISTING ROUTE NETWORK	REFORMED ROUTE NETWORK	DEVIATION
INDICATORS FOR BUS ROUTES			
Transportation work, mln. Km	**404,4**	**310,4**	**-23%**
Number of vehicles, units	**6 334**	**4 792**	**-24%**
Total capacity, thousand places	**395,7**	**479,6**	**+21%**
Number of routes, units.	**662**	**484**	**-27%**
Regulable *tariff*	*375*	*484*	+29%
Unregulated tariff	*287*	-	-
INDICATORS FOR ROADS OF ELECTRIC TRANSPORT			
Transport work, km	***57,1***	***69,0***	**+21%**
Trams	*30,3*	*31,8*	+5%
Trolleybuses	*26,8*	*37,2*	+38%
Number of vehicles, units	***950***	***1 136***	**+20%**
Trams	*527*	*552*	+5%
Trolleybuses	*423*	*584*	+38%
Number of routes, units.	***87***	***112***	**+29%**
Trams	*42*	*48*	+14%
Trolleybuses	*45*	*64*	+42%

Comparison of transport capacity of vehicles

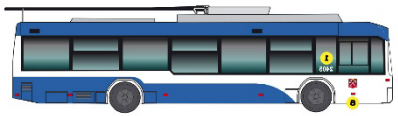
ROW C

On ordinary roads without priority.
The interval is 2 minutes.

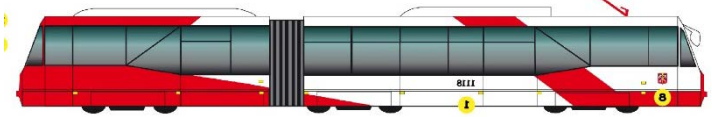
Minibus
480



Bus, trolleybus
4500



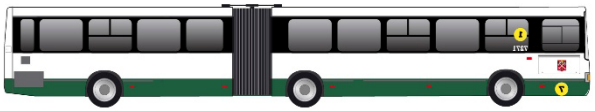
Tram
9000



ROW B

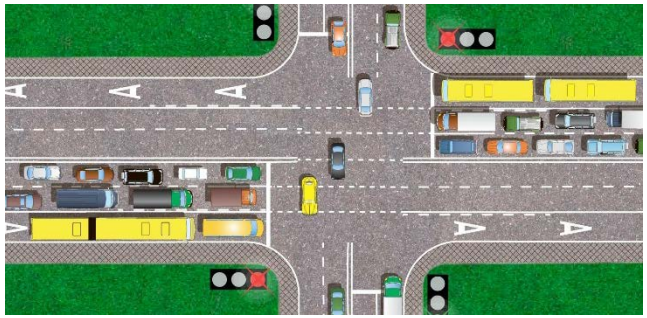
Street transport with fully allocated lanes.
The interval is 1 minutes.

Express bus / trolleybus
11000



Express train
22000

Ensuring priority passage of public transport due to the separation of tram tracks and the organization of dedicated lanes

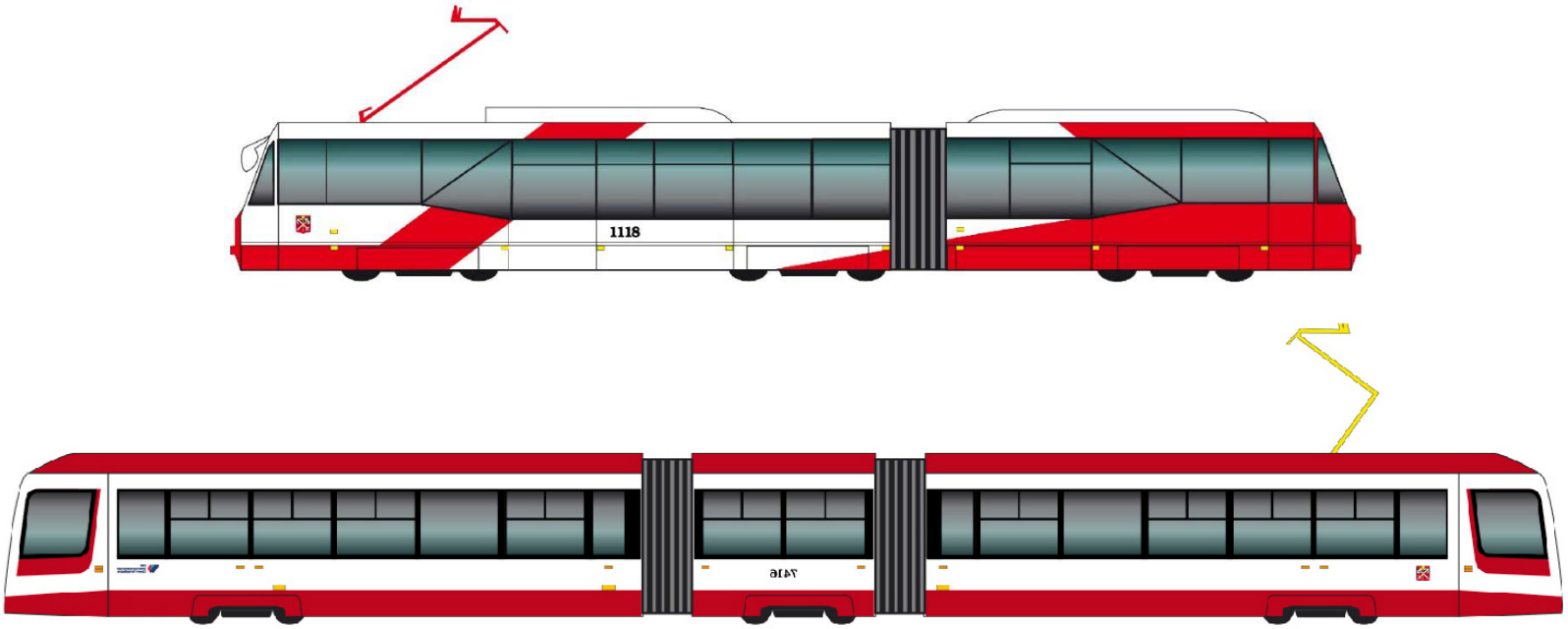


Basic principles of reforming

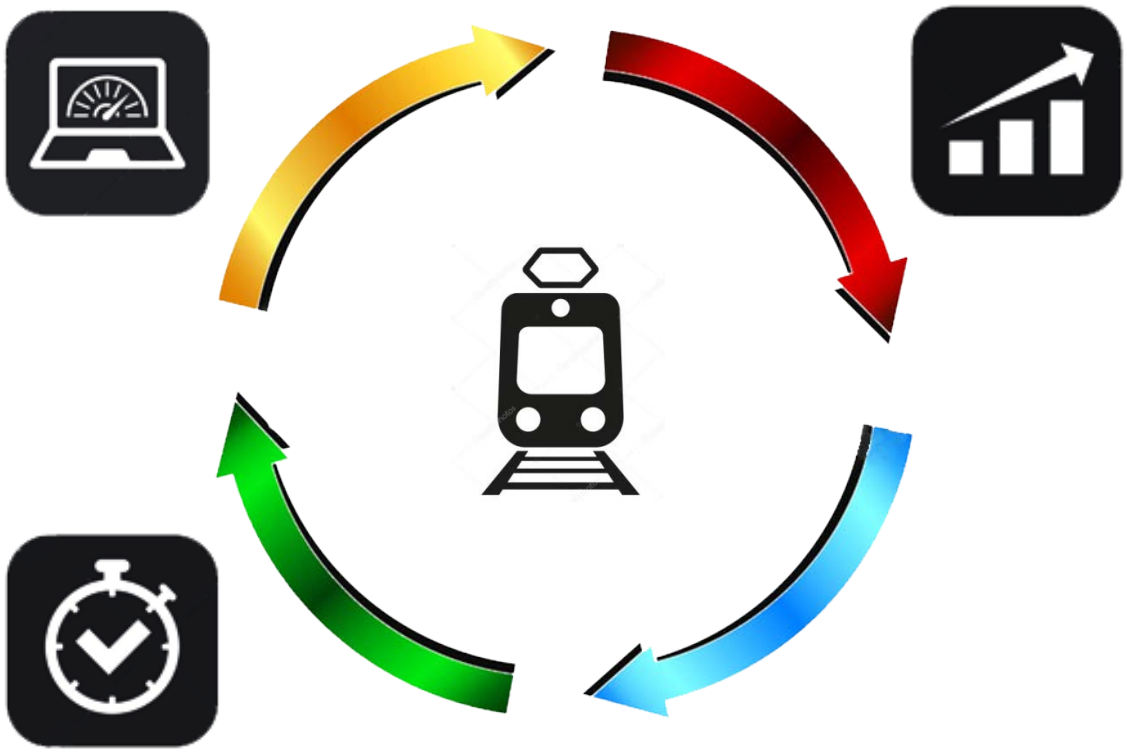
- Optimization of the route network

- Reducing duplication of routes by different modes of transport

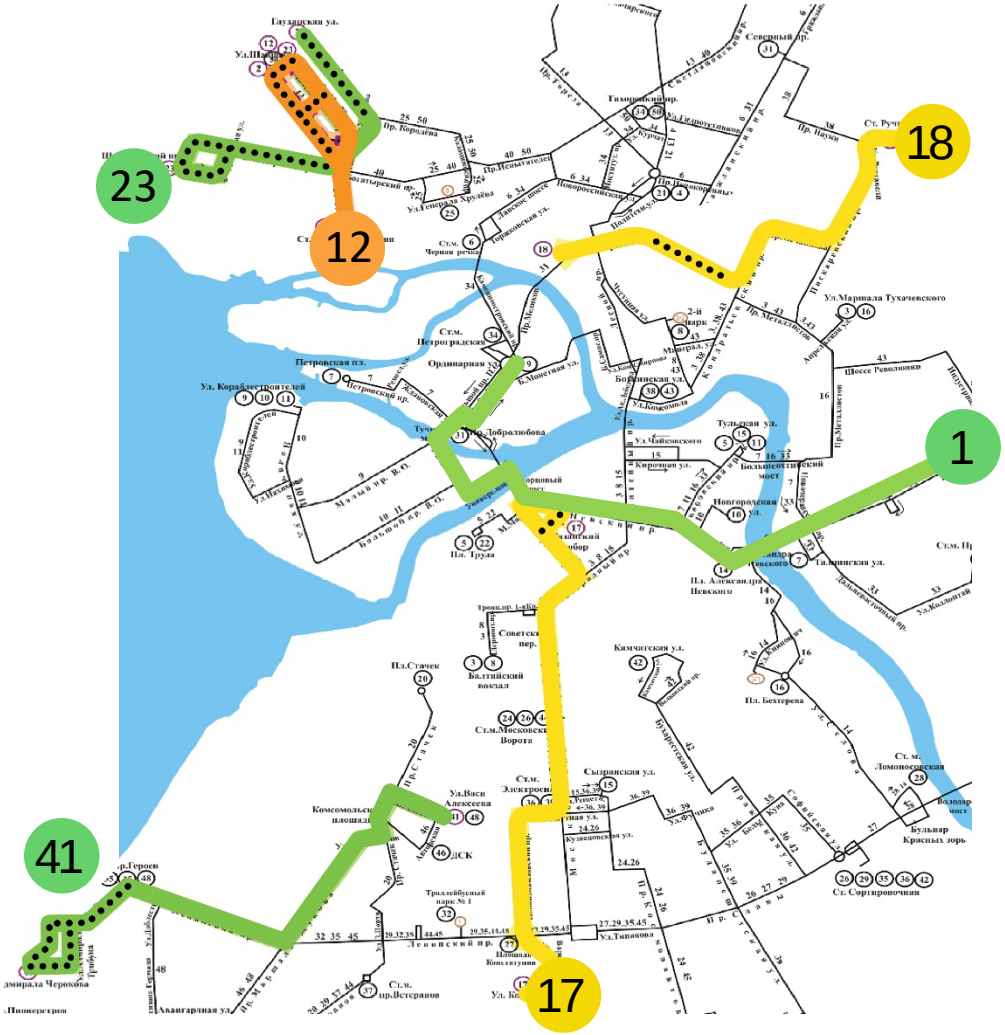
The maximum use of the electric transport infrastructure (tram) as providing the greatest carrying capacity and having the potential for expansion (three-section, five-section trams)



Increase in the turnover of vehicles due to increased speed of communication and regularity of traffic

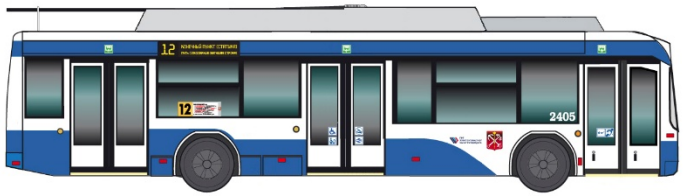


Routes



REALISED				
Route No.	1	12	23	41
Movement interval, min.	7-10	4-6	7-10	9-16
Number of substations, pcs.	10	13	12	10
Average length, km	6,6	5,4	7,4	12,1

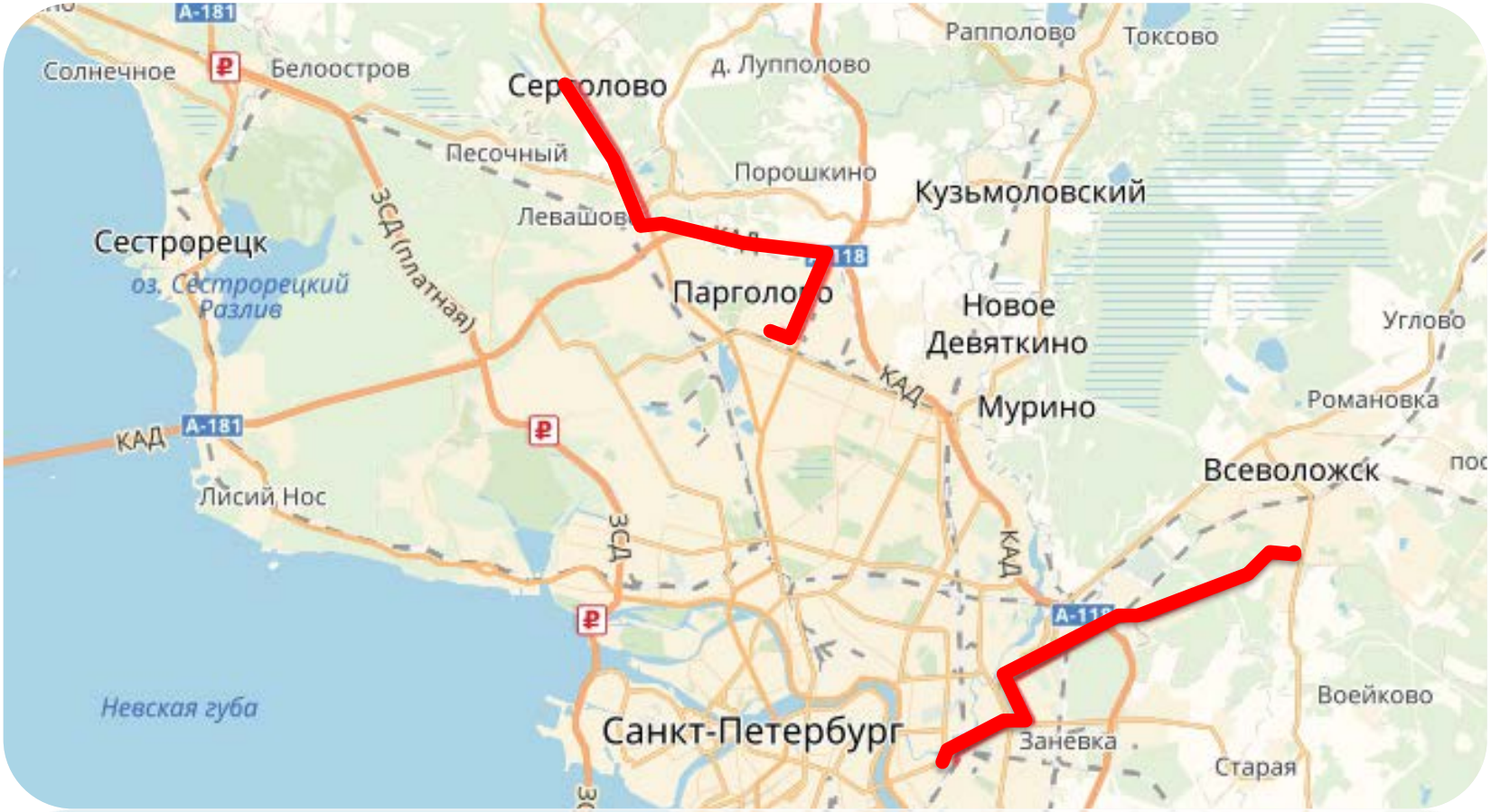
IT IS PLANNED TO OPEN		
Route No.	17	18
Movement interval, min.	15-16	6-7
Number of substations, pcs.	9	12
Average length, km	13,4	9,3



Project «Chistoye nebo» of St. Petersburg

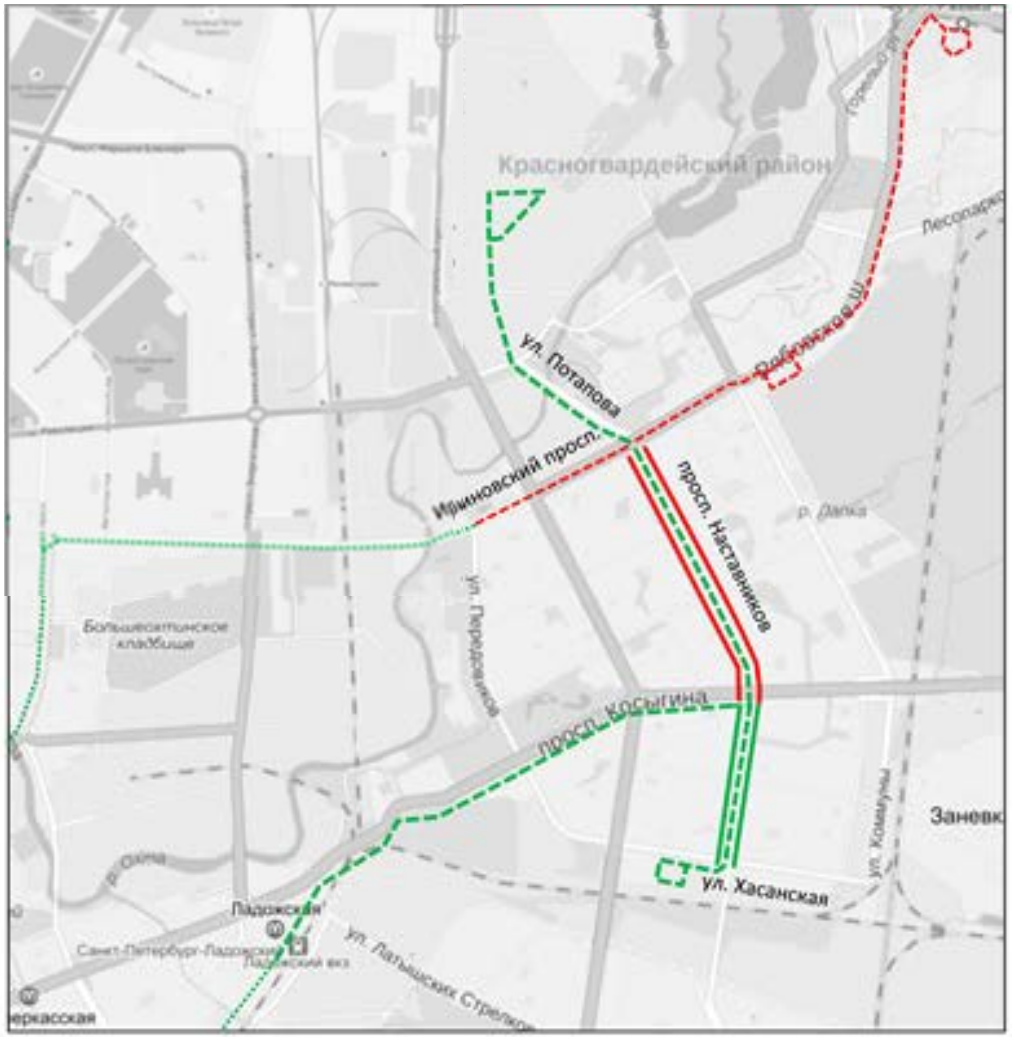
Within project, CHISTOE NEBO by 2020 is planned operation of electric buses in-motion on Nevsky Avenue

Construction of outgoing tram lines in the zones of new housing construction



Development of city electric transport

Plan for creating



OTHER IDENTIFICATION

- Tram ways SUE (State Unitary Enterprise) *Gorelectrotrans*
- Transmitted tram sections
- Tramway closing
- Created tramway
- Other property
- Other property under reconstruction

4

STAGES

THE GOVERNMENT OF ST. PETERBURG

COMMITTEE OF TRANSPORT

ST.PETERBURG 2018