



Pametna rješenja u prometu Grada Zagreba

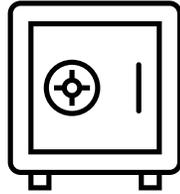
Smart Cities 2026

Zagreb

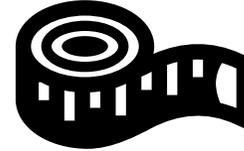
Zagreb u br0j3v1m4



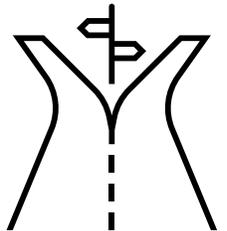
767 131



3,15 B€



641 km²



2580 km

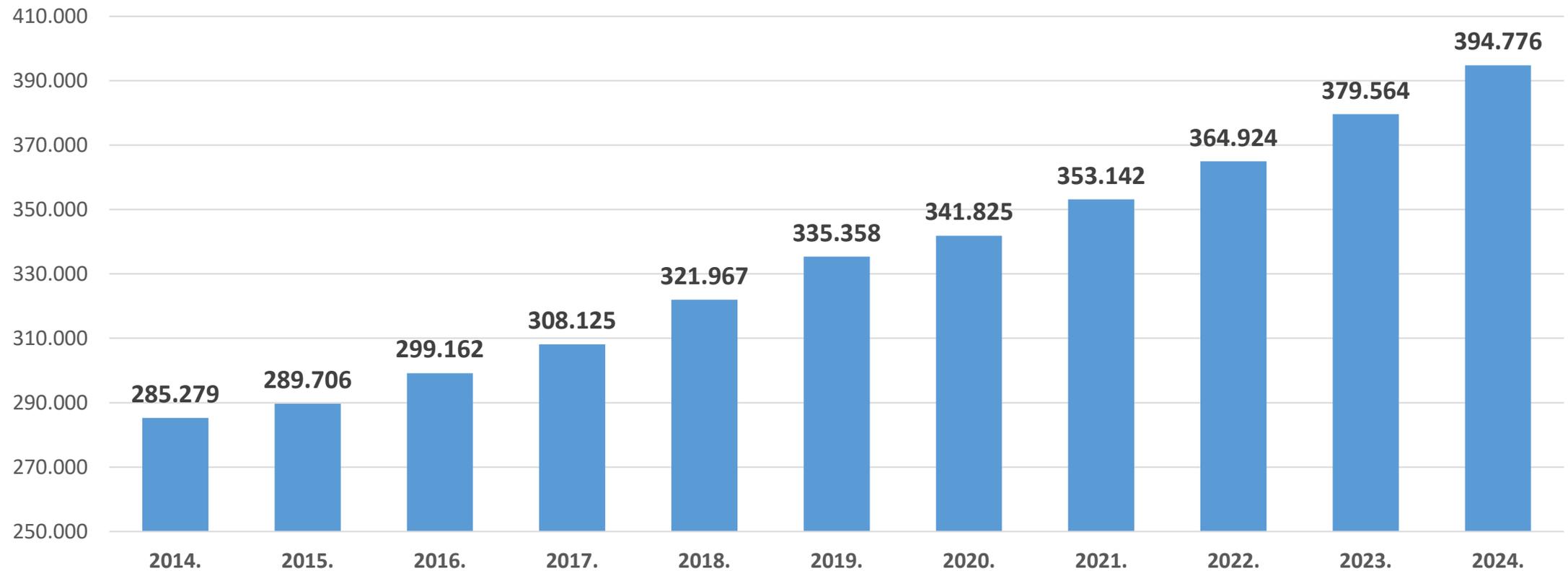


479 955
(394 776)



300 km

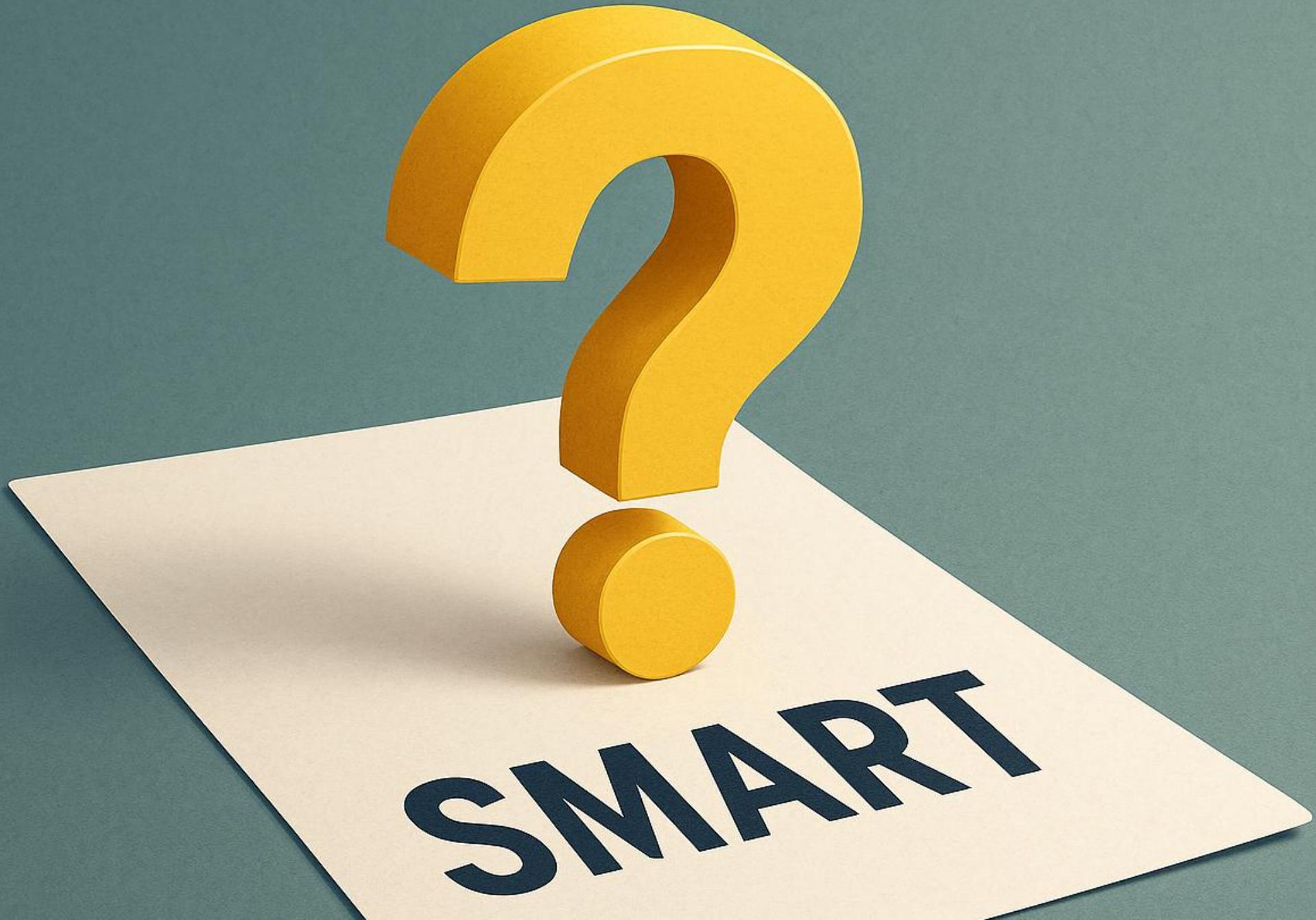
Broj osobnih automobila u Zagrebu









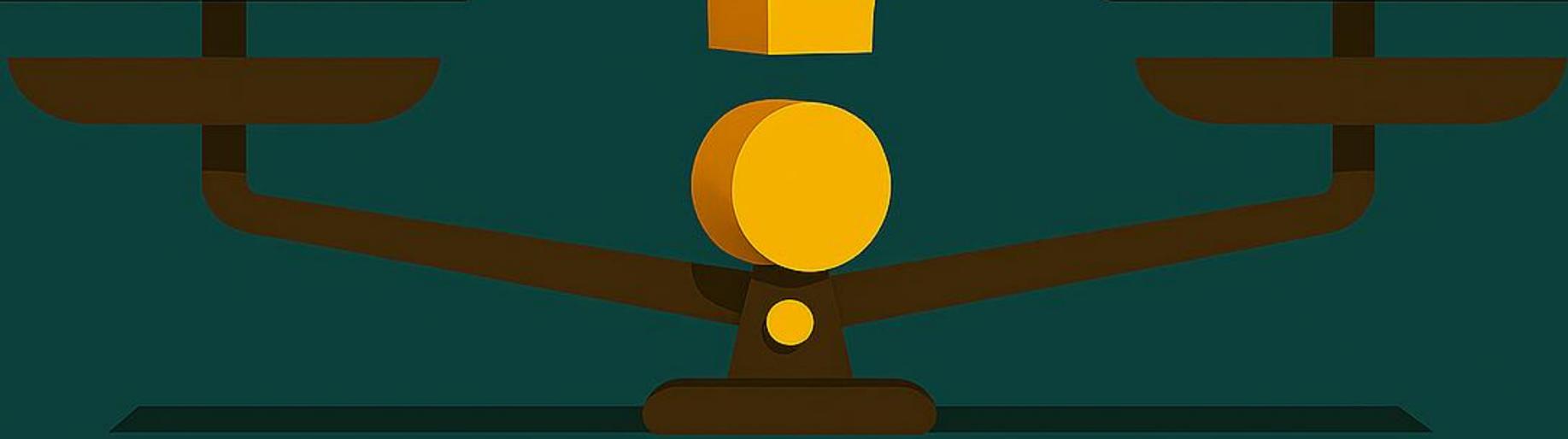


SMART

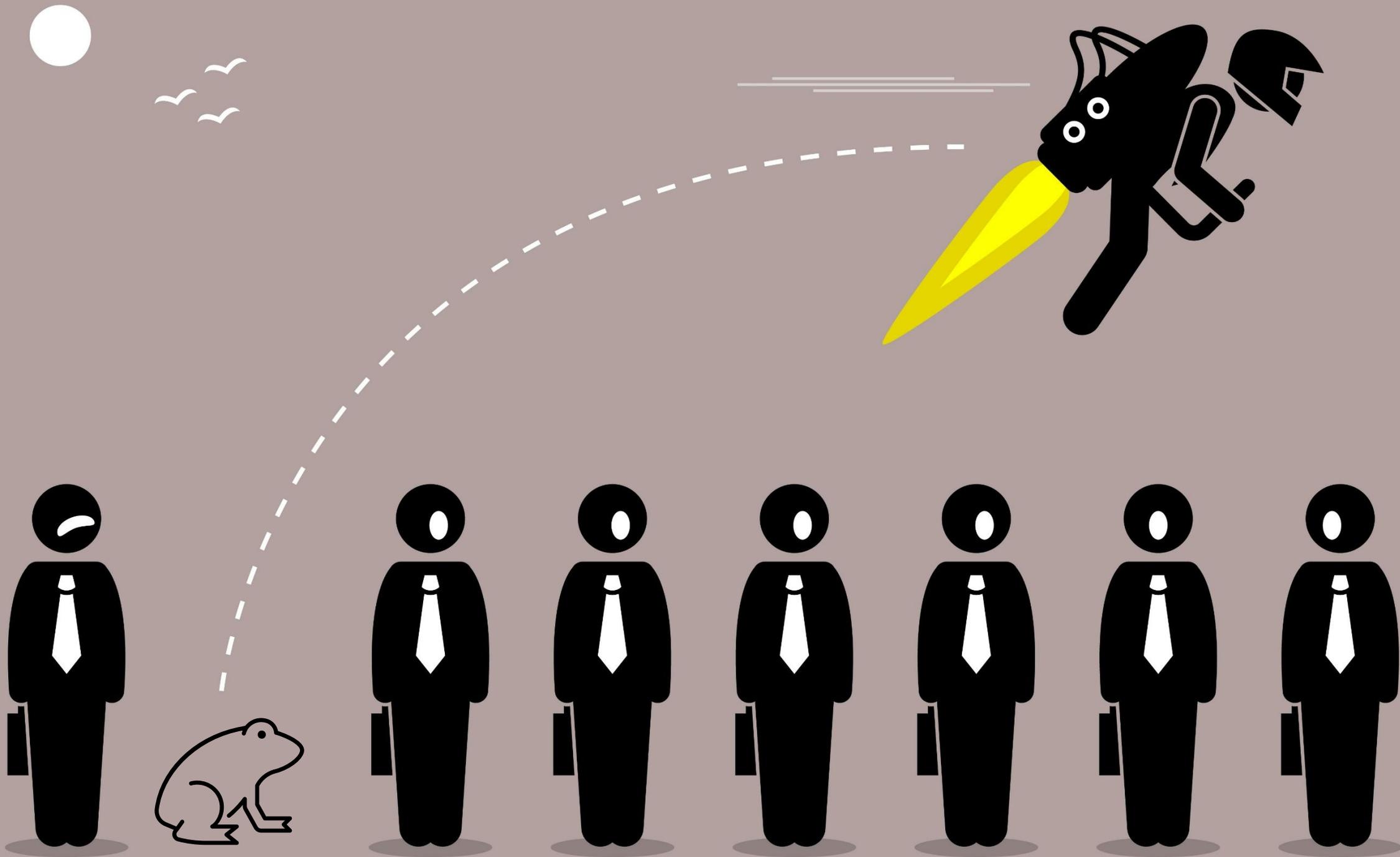
POLICY



TECH



SMART?





središnja zona



Pješačke zone





RE ARTU

Sale!
UP TO 50% OFF

GANT

GANT

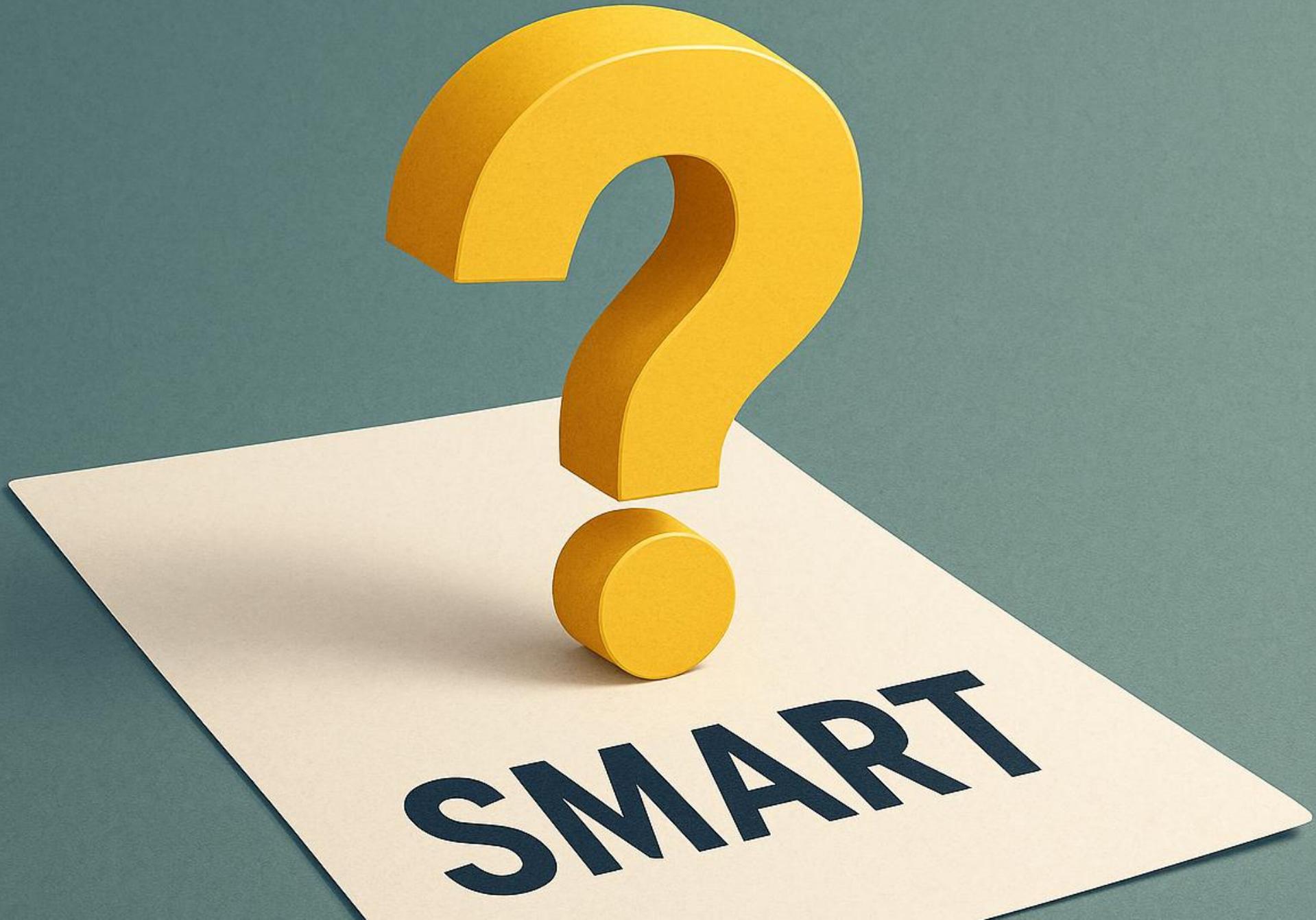
GANT

CHA

FRÄSKA

STG











HIPPI GARDEN

VINOTEKA

OTKUP







Bicikliranje

Održivi promet

23,3%

Osobna vozila

76,7%



1,5 do 2 m
nogostup
7,8%

1 m
B.T.
5,2%

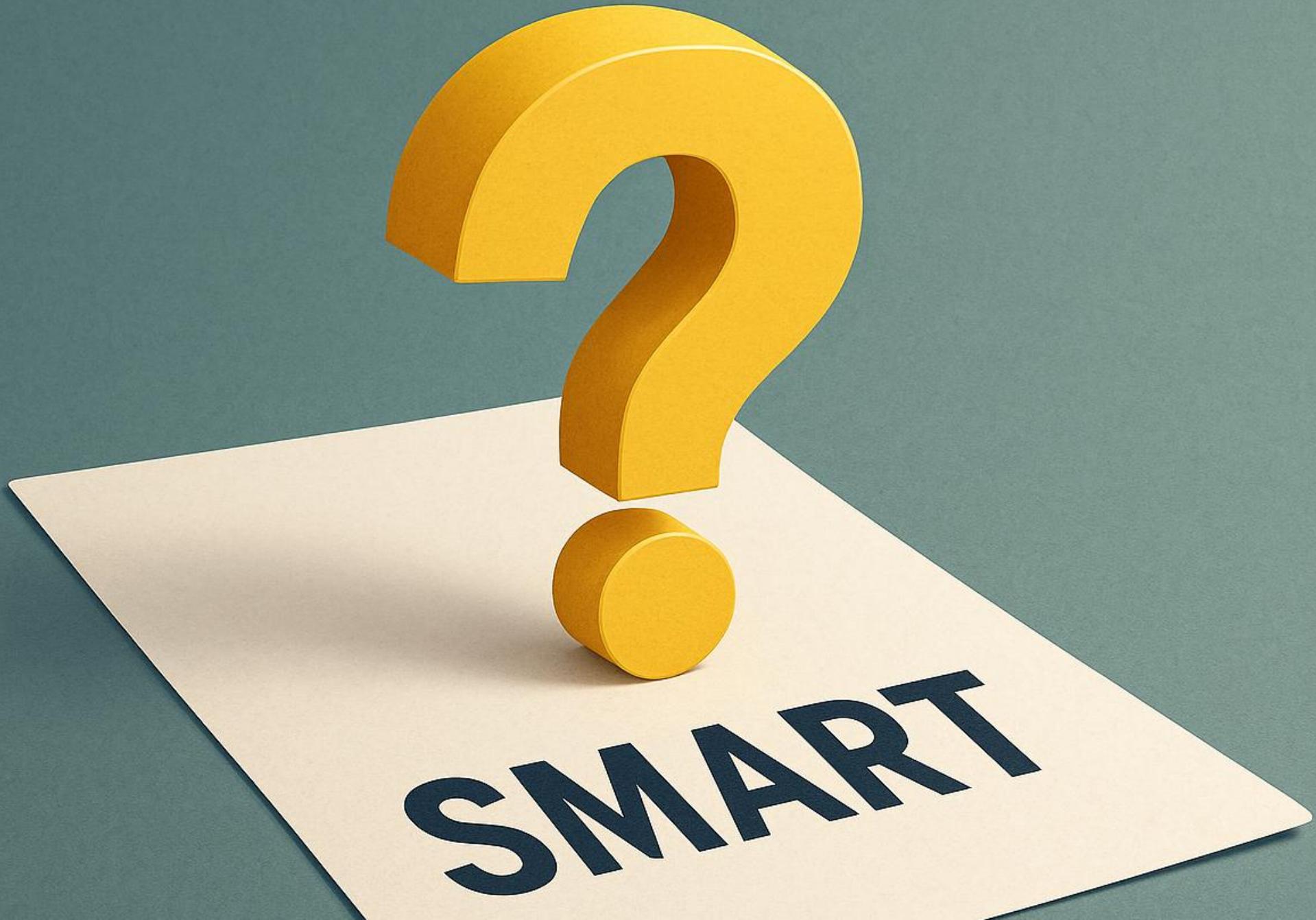
9,8 metara prometnica
50,8%

5 metara parking
25,9%

2 do 3 m
nogostup
10,3%

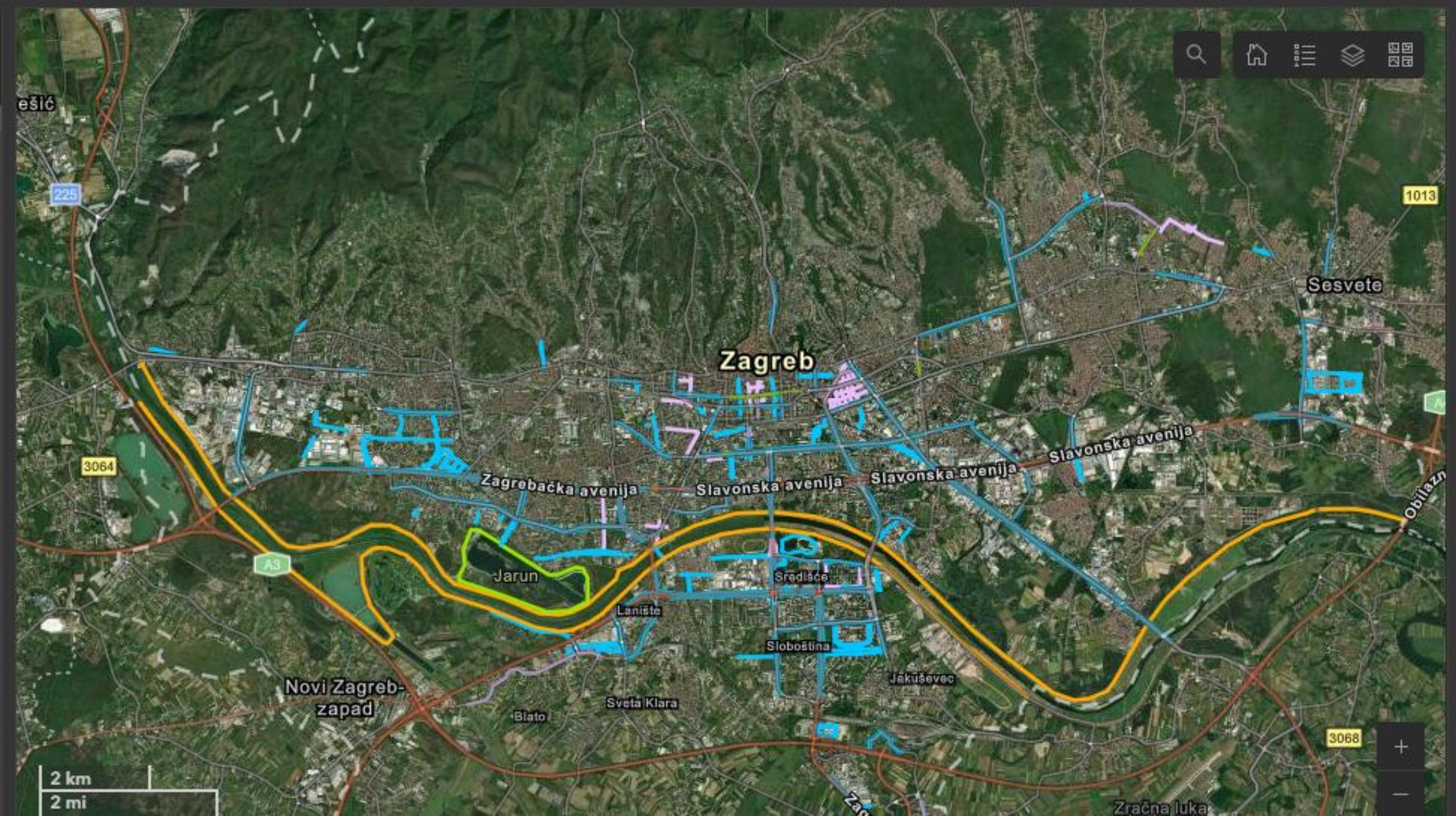






SMART





ešić

225

1013

Sesvete

Zagreb

3064

Zagrebačka avenija

Slavonska avenija

Slavonska avenija

Slavonska avenija

Obilazni

A3

Jarun

Središće

Lanište

Sloboština

Jakuševac

Novi Zagreb-zapad

Blato

Sveta Klara

3068

2 km
2 mi

+
-

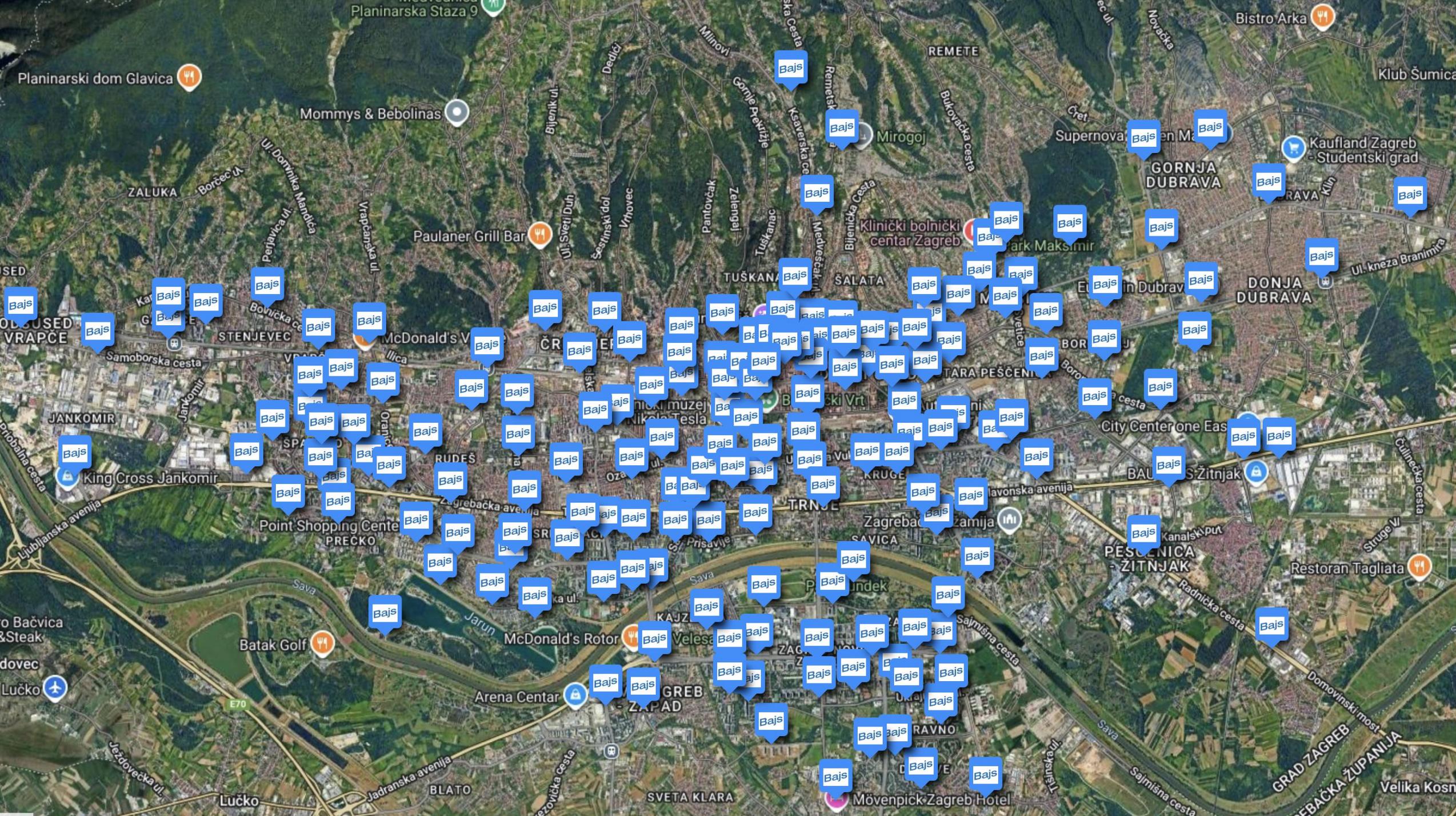
Zračna luka





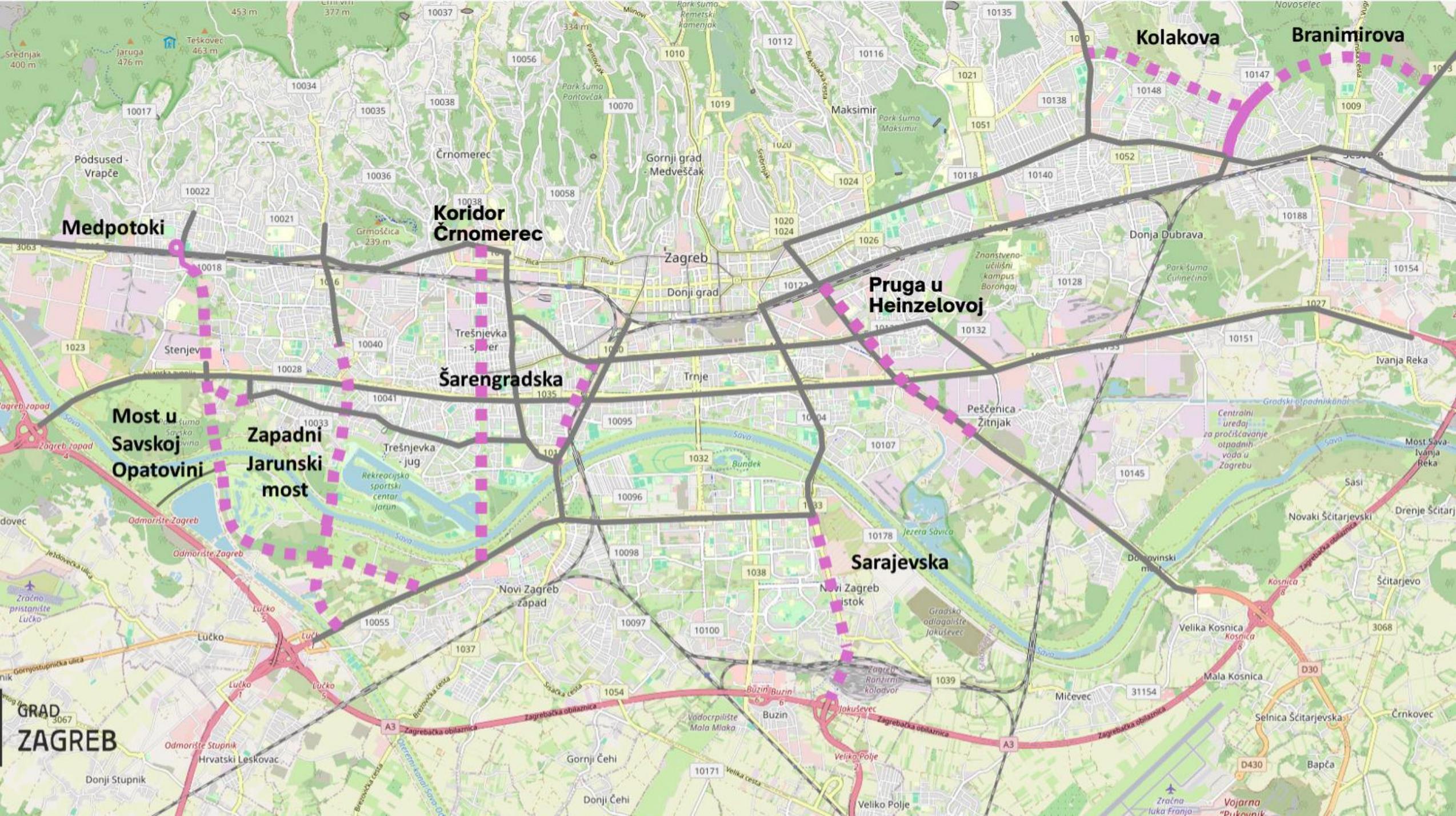






Javni prijevoz





Kolakova

Branimirova

Medpotoki

Koridor
Črnomerec

Pruga u
Heinzeloj

Most u
Savskoj
Opatovini

Zapadni
Jarunski
most

Šarengradska

Sarajevska

GRAD
ZAGREB

Donji Stupnik

Hrvatski Leskovac

Gornji Čehi

Donji Čehi

Veliko Polje

Zračno
pristanište
"Pukovnik
Vojarna
"Pukovnik

Selnica Šćitarjevska

Črnkovec

Bapča

Miševec

Mala Kosnica

Velika Kosnica

Kosnica

Novaki Šćitarjevski

Sasi

Šćitarjevo

Drenje Šćitarjevski

Most Sava-
Ivanja Reka

Centralni uređaj
za pročišćavanje
otpadnih
voda u
Zagrebu

Gradski otpadnikanal

Ivanja Reka

Donja Dubrava

Peščenica
Žitnjak

Trnje

Donji grad

Zagreb

Gornji grad
Medveščak

Črnomerec

Podšused-
Vrapče

Srednjak
400 m

Jaruga
476 m

Teškovec
463 m

453 m

377 m

334 m

10135

10116

10112

1010

10148

10147

10146

10145

10144

10143

10142

10141

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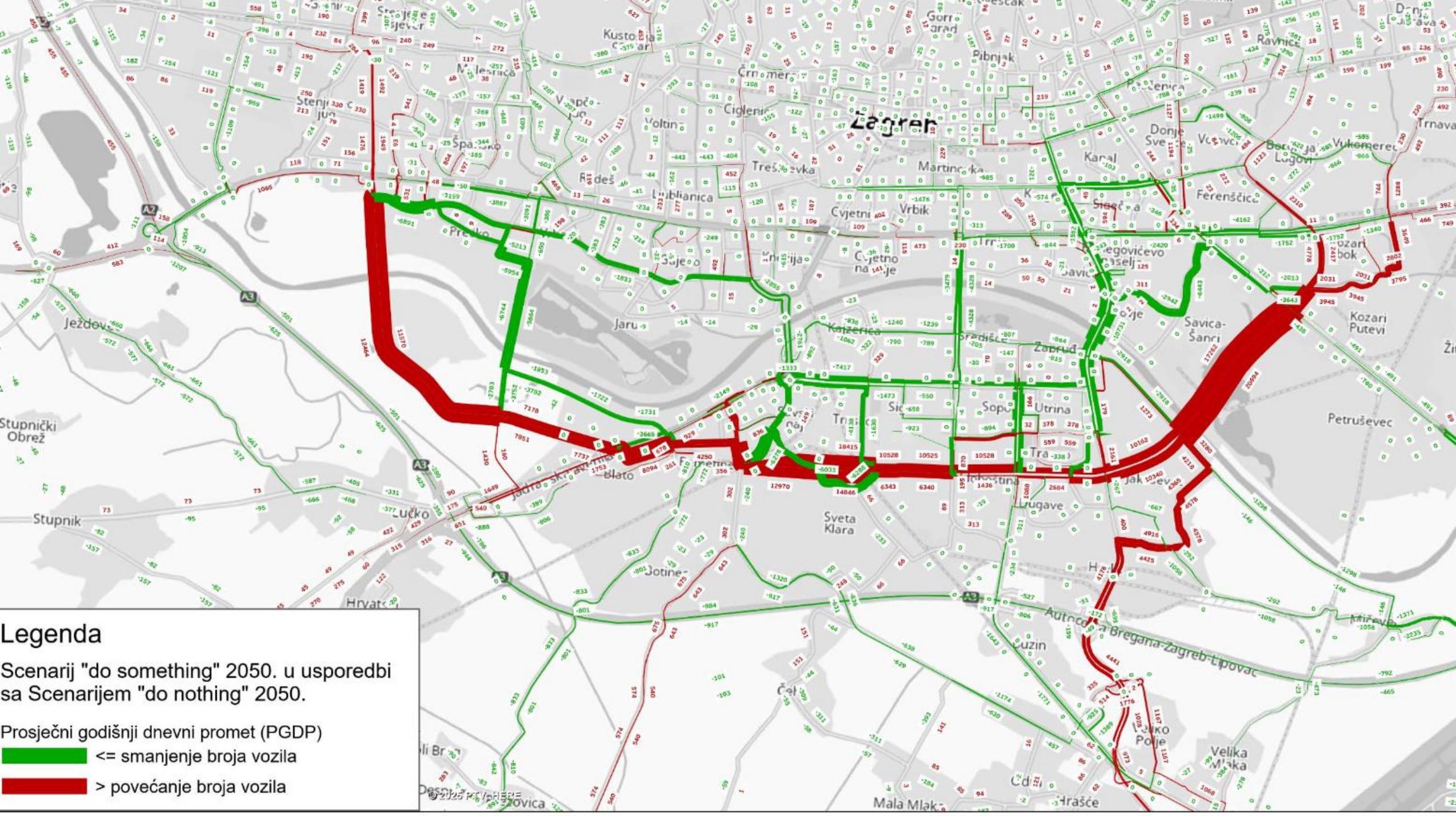
10022

10021

10020

10019

10018



Legenda

Scenarij "do something" 2050. u usporedbi sa Scenarijem "do nothing" 2050.

Prosječni godišnji dnevni promet (PGDP)

█ <= smanjenje broja vozila

█ > povećanje broja vozila





100%
ELECTRIC



3001

100%
ELECTRIC



3002

TARIFNE ZONE I PROMJETNO - TARIFNA PODRUČJA

Prometno - tarifno područje grada Zagreba

Prometno - tarifno područje grada Velike Gorice

Prometno - tarifno područje grada Zapršića i
općina Bistra i Luka

Prometno - tarifno područje općina Stupnik

* GRANICE PREKIDA I. ZONE

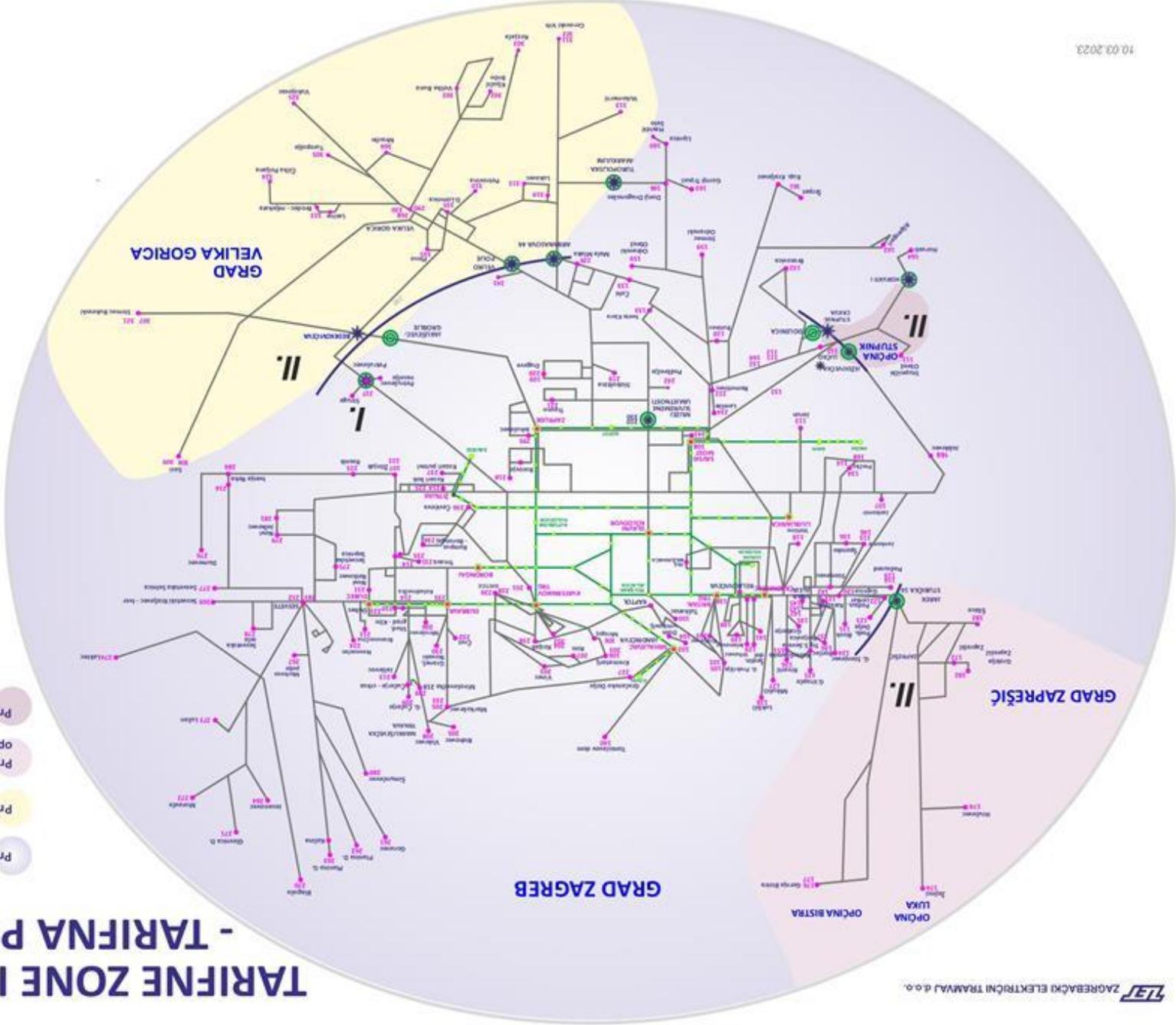
STUPNIK-CRKVA (linija 111)
 HORVATI I (linija 164)
 TURPOPUŠKA-MARKULINI (linija 166)
 JAREK (linija 172)
 JAREK (linija 176 i 177, smjer «A») i
 STUBIČKA 16 (linija 176 i 177, smjer «B») i
 VEJKO POLJE (linija 268)
 BEDEKOVČEVA (linija 307 i 308)
 PETRUŠEVAC (linija 290)
 MUZEJ SUVRERENE UMJETNOSTI (linije 310, 320, 322)
 ARBANASOVA 44 (linije 166, 311, 313, 315, 322)
 OBRA-NADVOŽNAK (linija 322)

● PROMETNO PODRUČJE GRADA ZAGREBA

POLENIČKA (linija 111)
 JEZDOVEČKA (linija 164)
 HORVATI I (linija 164)
 TURPOPUŠKA-MARKULINI (linija 166)
 JAREK (linija 172)
 JAREK (linija 176 i 177, smjer «B») i
 STUBIČKA 16 (linija 176 i 177, smjer «A») i
 VEJKO POLJE (linija 268)
 PETRUŠEVAC (linija 290)
 JAKUŠEVAC-GROBULE (linije 307 i 308)
 MUZEJ SUVRERENE UMJETNOSTI (linije 310, 320, 322)
 ARBANASOVA 44 (linije 166, 311, 313, 315, 322)
 OBRA-NADVOŽNAK (linija 322)

LEGENDA

- tramvajna mreža linija
- autobusna mreža linija
- tramvajski terminali
- početno - krajnja stajališta
- tramvajski i autobusni terminali
- prekidi prometa - tarifnih područja
- granice I. tarifne zone
- I, II, III broj linije
- 276 broj linije



An aerial photograph of a complex highway interchange at night, with light trails from cars creating a vibrant orange and yellow glow. The image is overlaid with a white network of dots and lines, suggesting connectivity. Several circular icons are placed at various points in the network: a traffic light, a car, a location pin, a person walking, a Wi-Fi symbol, a globe, and a sailboat. The word "ITS" is centered in the middle of the image in a white, sans-serif font.

ITS



0 - P2 - cilbus 120s - board

Remains
Level
Coordination
Program
09.12.2025 10:33:43
544 26 26m 1s

MIKERA/AMP22 | 10.300.55.1 | 02.50
Controller | 107 | 0/0/0/0

Center
44 10h 55m 45s

Overview
Events
Health programs

1 - Flush
2 - All red
3 - All off
4 - P1 - cilbus 120s - board
5 - P2 - cilbus 120s - board
6 - P3 - cilbus 120s - board
7 - P4 - cilbus 120s - board
8 - P5 - cilbus 120s - board
9 - P6 - cilbus 120s - board
10 - P7 - cilbus 120s - board
11 - P8 - cilbus 120s - board
12 - P9 - cilbus 120s - board
13 - P10 - cilbus 120s - board
14 - P11 - cilbus 120s - board

R01

CONTROL

Start
0
Current
105
CHANGE OFFSET

Cycle
Current
120

Split
Current
[6, 36, 60]

APPLY CSO

SET FIXES CLEAR FIXES GET ACTIVE

SET LOCAL MODE SET COORDINATION

SIGNAL PLAN TRACES

V1
V2
V3
V4
V5
V6
V7
V8
V9
V10
V11
V12
V13
V14
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V87
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V89
V90
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V93
V94
V95
V96
V97
V98
V99
V100

Sub 0 Sub 24 Sub 48 Cycle 120

Video feeds and maps

Top row: Large video feed of a road intersection, smaller video feeds of different camera angles, and a world map.

Bottom row: Smaller video feeds of different camera angles and a world map.

Operator's primary monitors

Left monitor: Traffic flow chart with multiple lanes and data points.

Middle monitor: Map with red arrows indicating traffic flow or routes.

Right monitor: Data table or list of information.

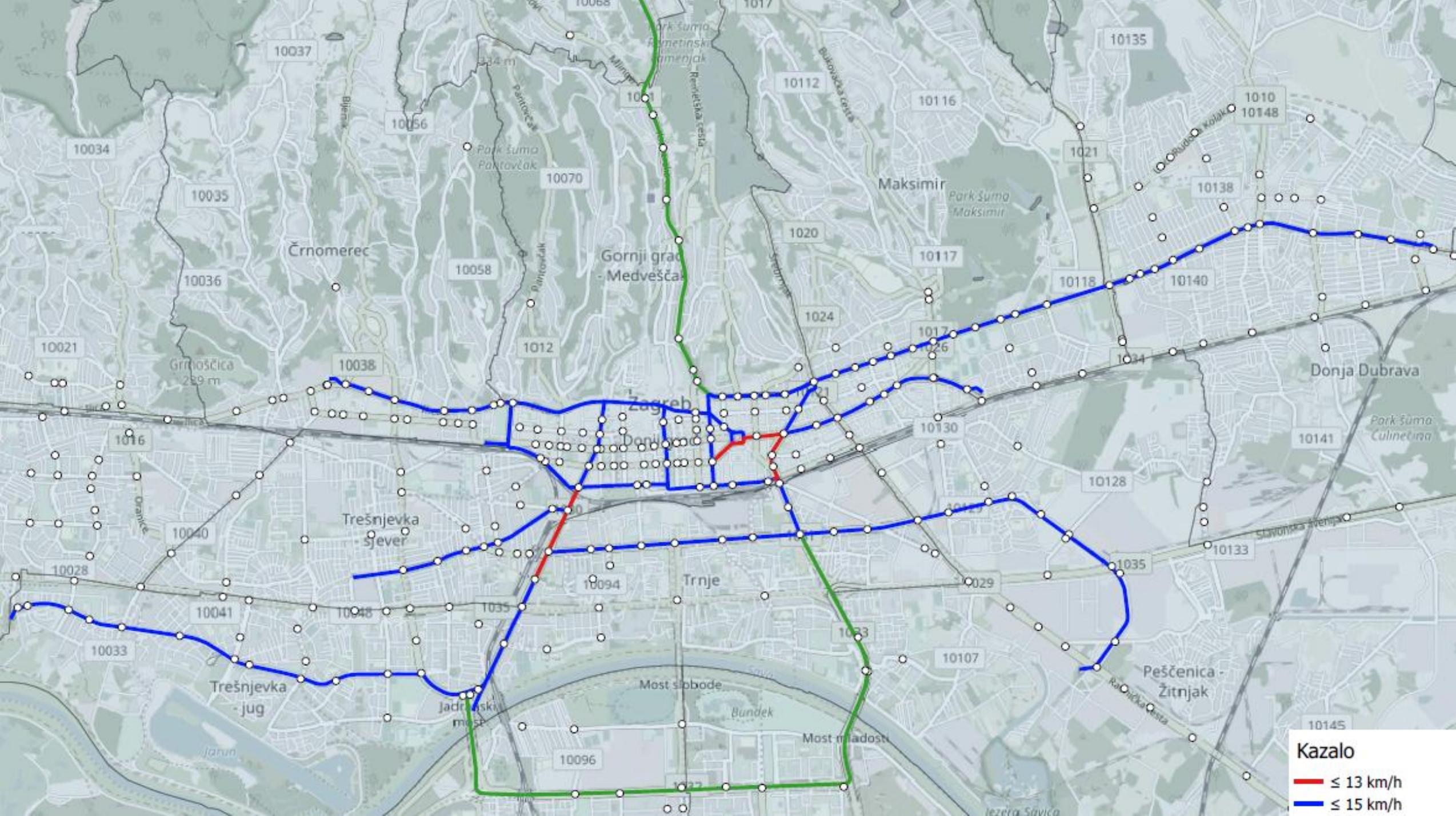
Operator's secondary monitor

Left monitor: Data table or list of information.

Operator's secondary monitor

Right monitor: Desktop background image showing a landscape with a sunset.

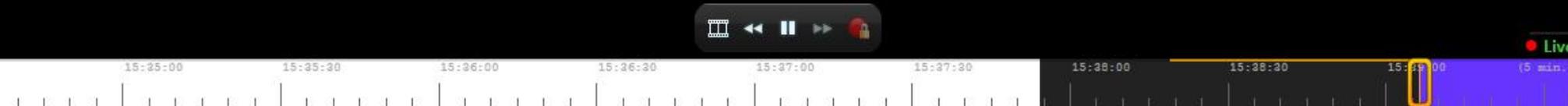


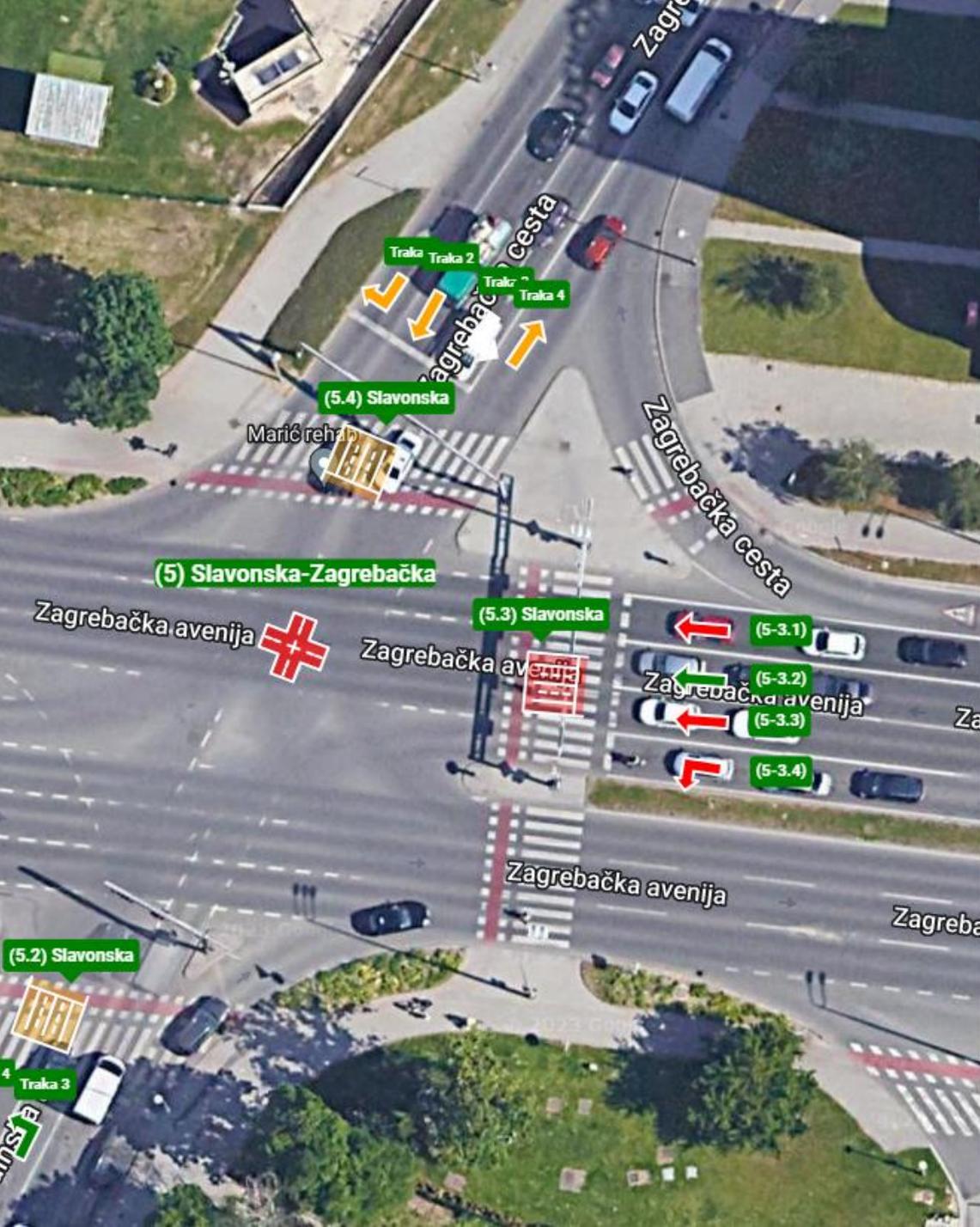


Kazalo

— ≤ 13 km/h

— ≤ 15 km/h





(5.3) Slavonska

Količina

Zasebno

2023

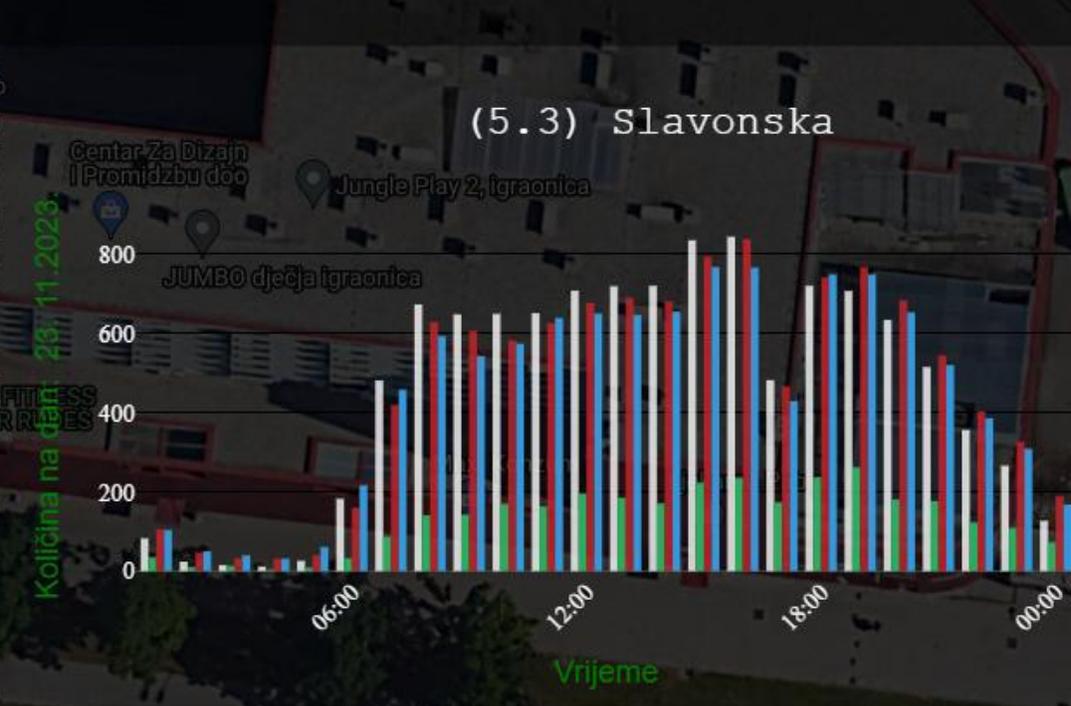
Studeni

23

Dohvati za dan

23.11.2023

Izvoz



(5.3) Slavonska

Prosječna brzina

Zasebno

2023

Studeni

23

Dohvati za dan

23.11.2023

Izvoz



Local

Level

Coordination

Regime

24.11.2023 15:34:00

125d 23h 50m 24s

MSKE60/ARP32 | 10.202.33.1 | 22.20

Controller | IP | firmware

Center

0d 10h 35m 12s



Overview



Events

Traffic programs

1 - Flash

2 - All red

3 - All off

4 - P1 - ciklus 120s - koord

5 - P2 - ciklus 120s - koord

6 - P3 - ciklus 120s - koord

7 - P4 - ciklus 110s - koord

8 - P5 - ciklus 110s - koord

9 - P6 - ciklus 110s - koord

10 - P7 - ciklus 120s - koord

11 - P8 - ciklus 120s - koord

12 - P9 - ciklus 120s - koord

13 - P10 - ciklus 90s - koord

14 - P11 - ciklus 90s - koord

15 - P12 - ciklus 90s - koord

16 - P1-Rucno

HARDWARE

CPU - ARP32	EKB - 0		EKB - 1		EKB - 2		EKB - 3		EKB - 4		HIKVISION	HIKVISION	HIKVISION	HIKVISION	HIKVISION					
	V1	V2	V3	V4	V5	V6	P8	P9	P10	P11	Detection camera	Detection camera	Detection camera	Detection camera	Detection camera					
	●	●	●	●	●	●	●	●	●	●	D10.1	<input type="checkbox"/>	D11.2	<input type="checkbox"/>	D12.1	<input type="checkbox"/>	D13.1	<input checked="" type="checkbox"/>	D14.2	<input type="checkbox"/>
	V1	V2	V3	V4	V5	V6		T2		T4	D11.1	<input type="checkbox"/>							D14.1	<input checked="" type="checkbox"/>
	V1	V2	V3	V4	V5	V6	P8	P9	P10	P11										
	●	●	●	●	●	●	●	●	●	●	IP: 10.202.33.11	IP: 10.202.33.12	IP: 10.202.33.13	IP: 10.202.33.14	IP: 10.202.33.15					

ERRORS

CONTROL

Offset 0 Current: 99 CHANGE OFFSET

Cycle Current: 120

Splits Current: [14, 41, 85]

APPLY CSO

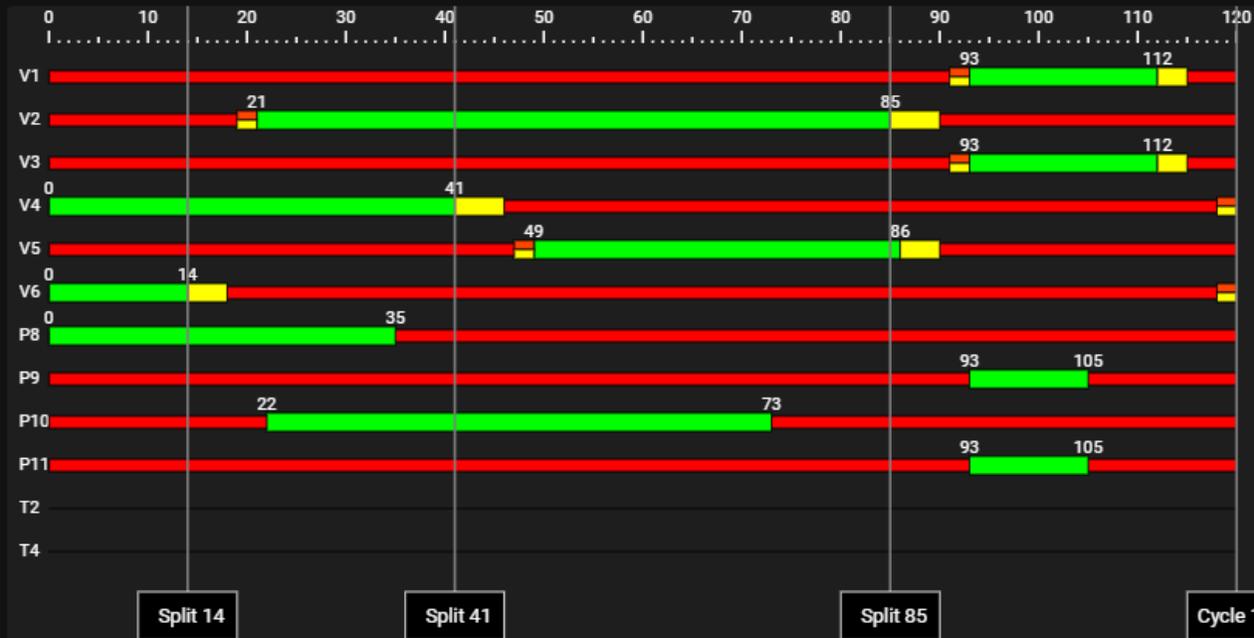
SET FIXED

CLEAR FIXED

NOT ACTIVE

SET LOCAL MODE

SET COORDINATION

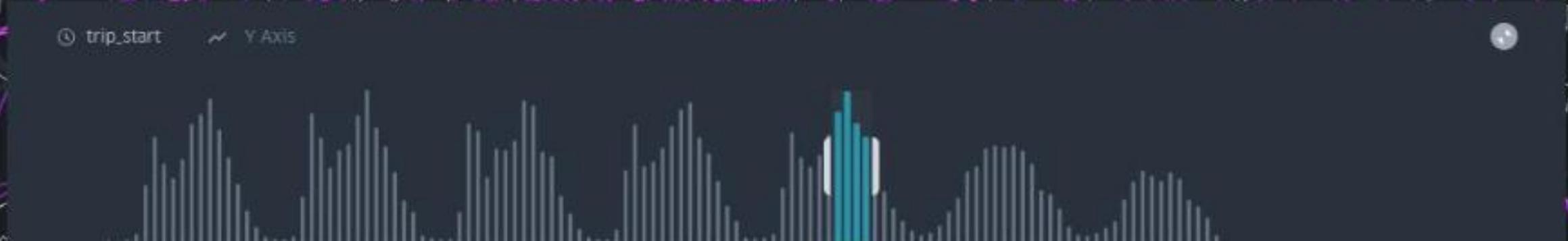


SIGNAL PLAN TRACER



< >
Sectors
ZU_JME t300130866

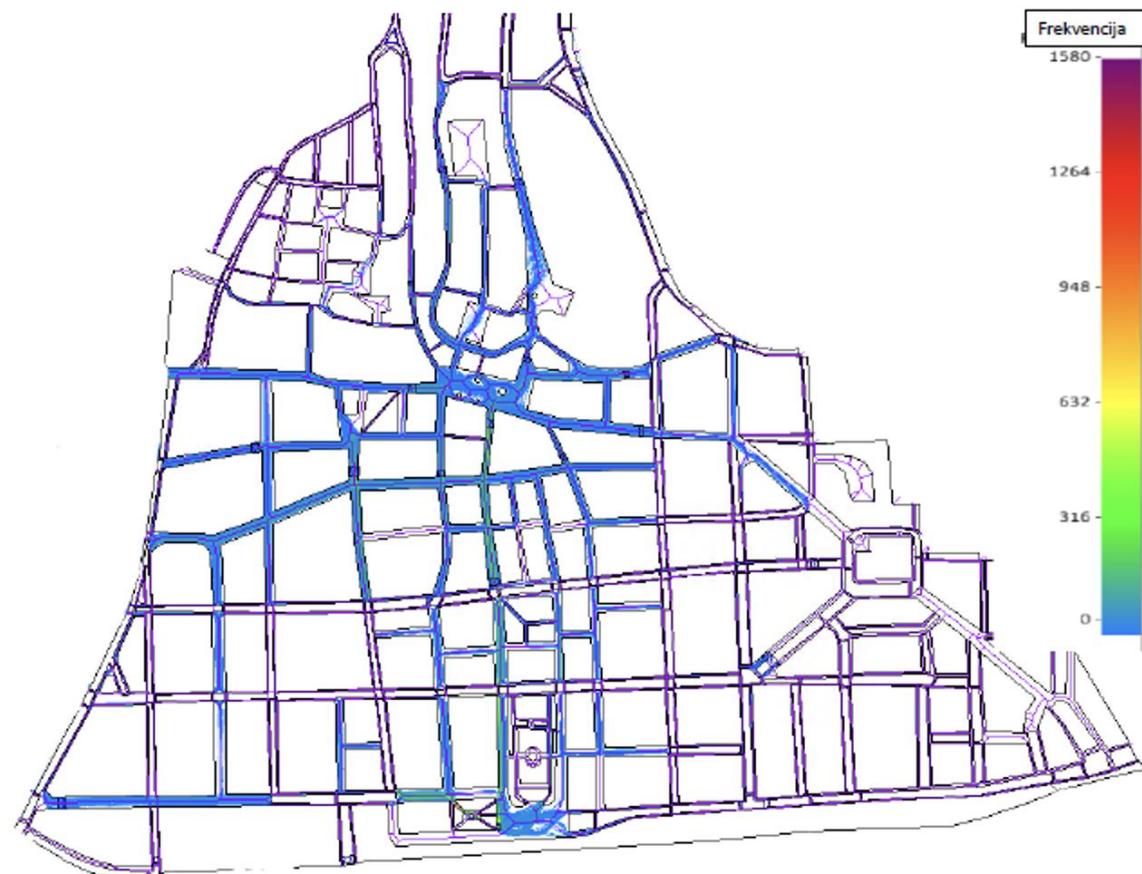
12/06/2024
12:39 PM - 6:44 PM



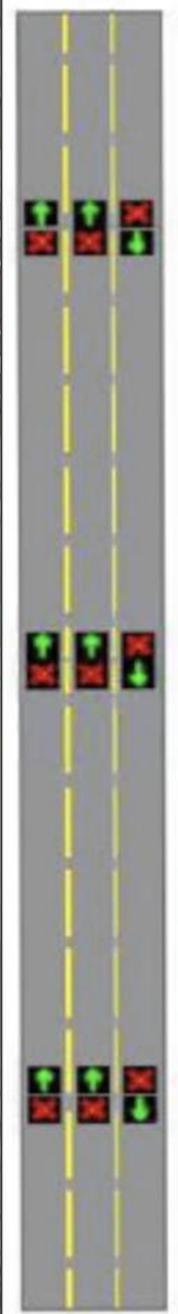
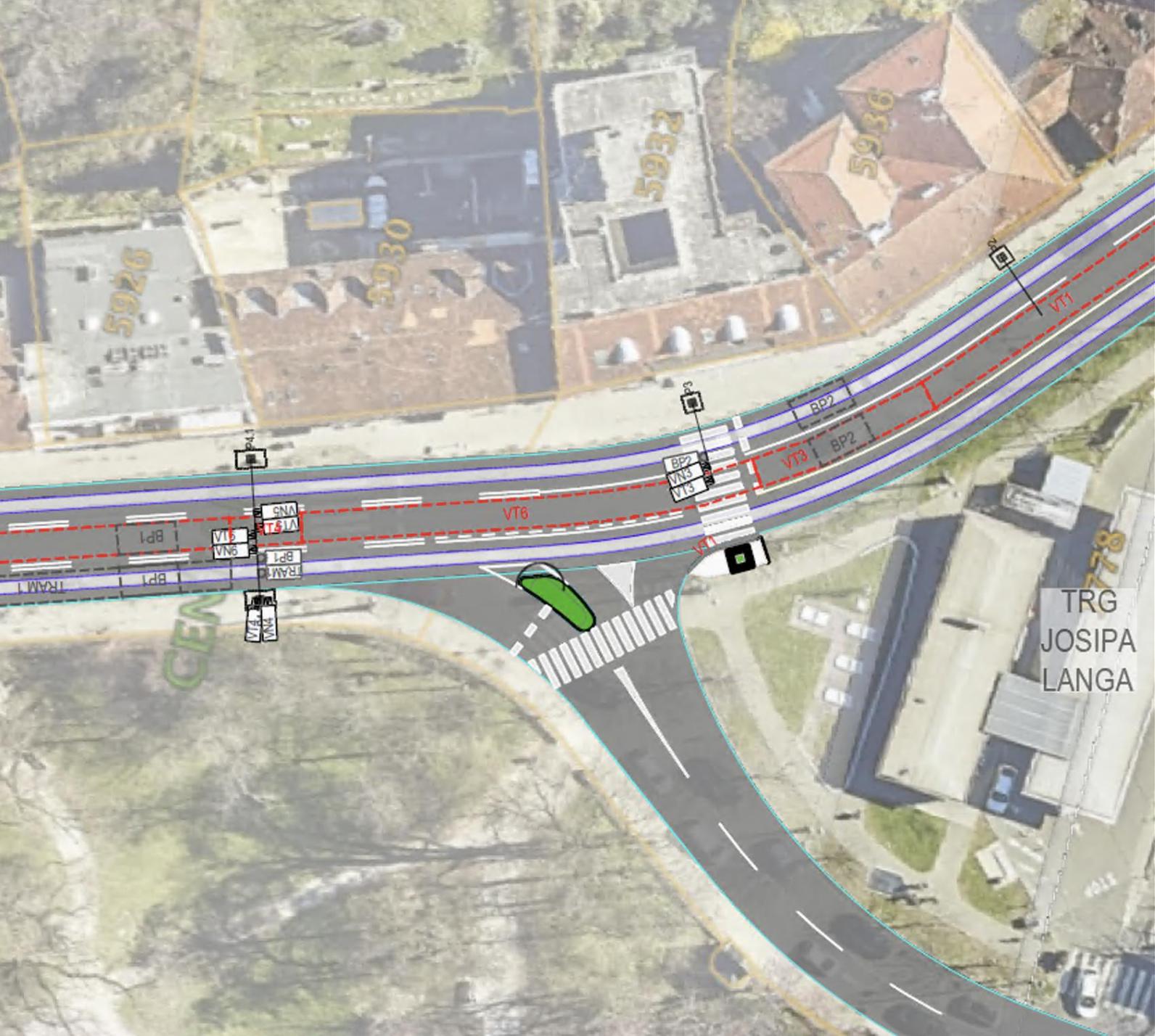
Gustoća prometa - nakon uvođenja mjera



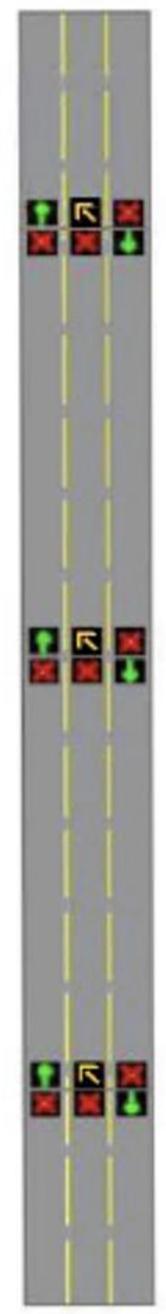
Brzina prometa - nakon uvođenja mjera



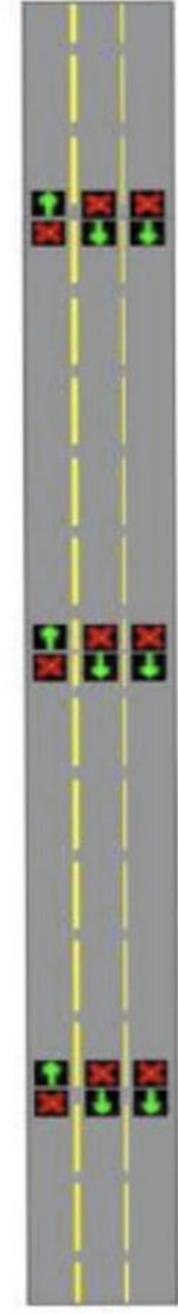
Slika 9-4 Prikaz rezultata simulacije pješačkih tokova



UVJET A



PRAŽNJE



UVJET B



Rīgas

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Hvala na pažnji!

