

Traffic Calming in VIENNA City Center

Gregor Stratil-Sauer | City of Vienna | Urban Development and Planning
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Vienna City Center

History

3 km²

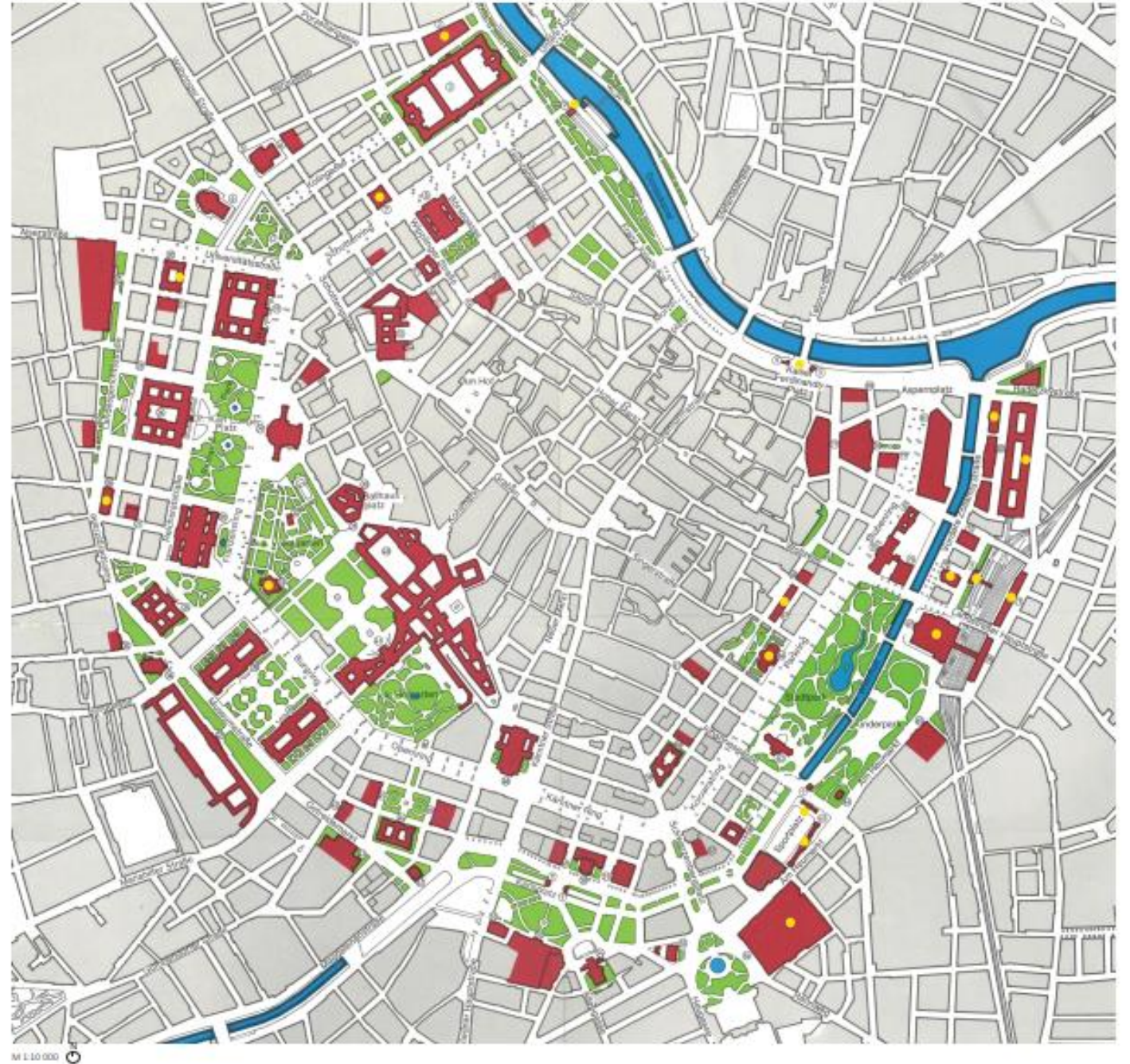
medieval structure
still existing

clear boundary
Ringstrasse

touristic and
economic center

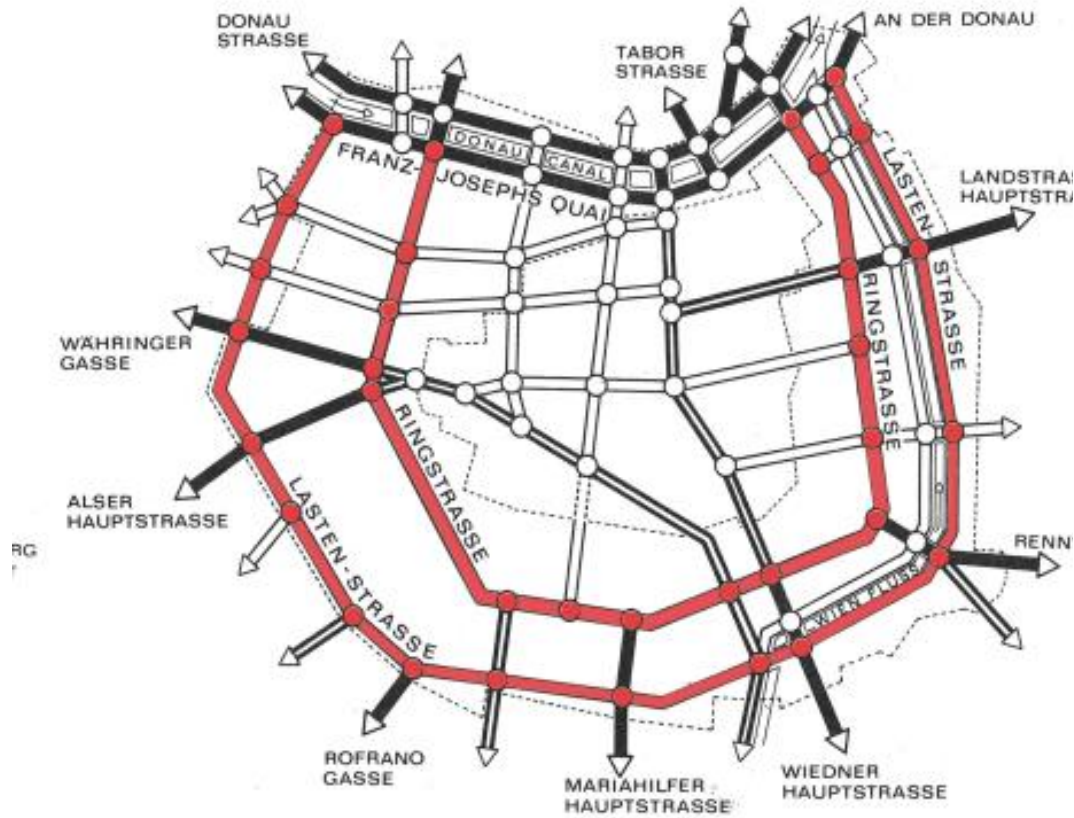


2.44
Öffentliche Einrichtungen und Gebäude
in der Ringstrassen-Zone 1913



Vienna City Center

1900s - Street hierarchy



Main arterial streets begin outside the Ringstrasse



Vienna City Center

1960s - Car dominated area



Verkehrsflächen
Gewässer

durchgängige radiale
Hauptrelationen

sekundäre „Vernähung“
mit lokaler Bedeutung

1 Neue Gasse
2 Taborstraße
3 Praterstern
4 Weißgerber Hauptstraße
5 Landstraße-Hauptstraße
6 Ungargasse
7 Rennweggasse
8 Heugasse

9 Alte Wiener Hauptstraße
10 Mariahilfer-Hauptstraße
11 Alt-Lerchenfelder-Hauptstraße
12 Florianigasse
13 Alsergasse
14 Währinger Gasse
15 Porzellangasse

A Augartenbrücke
B Karls Kettensteg
C Ferdinandsbrücke
D Franzensbrücke
E Radetzkybrücke
F Stubentorbrücke
G Karolinenbrücke
H Mondscheinbrücke
I Elisabethbrücke
K Kettensteg



Vienna City Center

1970-1990 - Metro construction and pedestrian zones



Closing streets for metro construction



Vienna City Center

1970-1990 - Metro construction and pedestrian zones

Pedestrian zones including

- Car-free historic places
- Underground car-parking
- On street parking space management



Vienna City Center

Recent time

Since 2015:

Encounter zones

mixed traffic areas

planning process in cooperation with
residents and businesses

(wealthy) property owners pay for
the redesign

Herrengasse 2016

Rotenturmstraße 2019

Neuer Markt 2023

Petersplatz 2023

Michaelerplatz 2024




Vienna City Center

status quo

17.000 residents
(1% of Vienna)

100.000 working places
(11% of Vienna)



 current pedestrian area or encounter zone



Vienna City Center

status quo

Highest pedestrian
frequency

Attractive for shopping,
business and tourism

16 mio./year tourist bednights



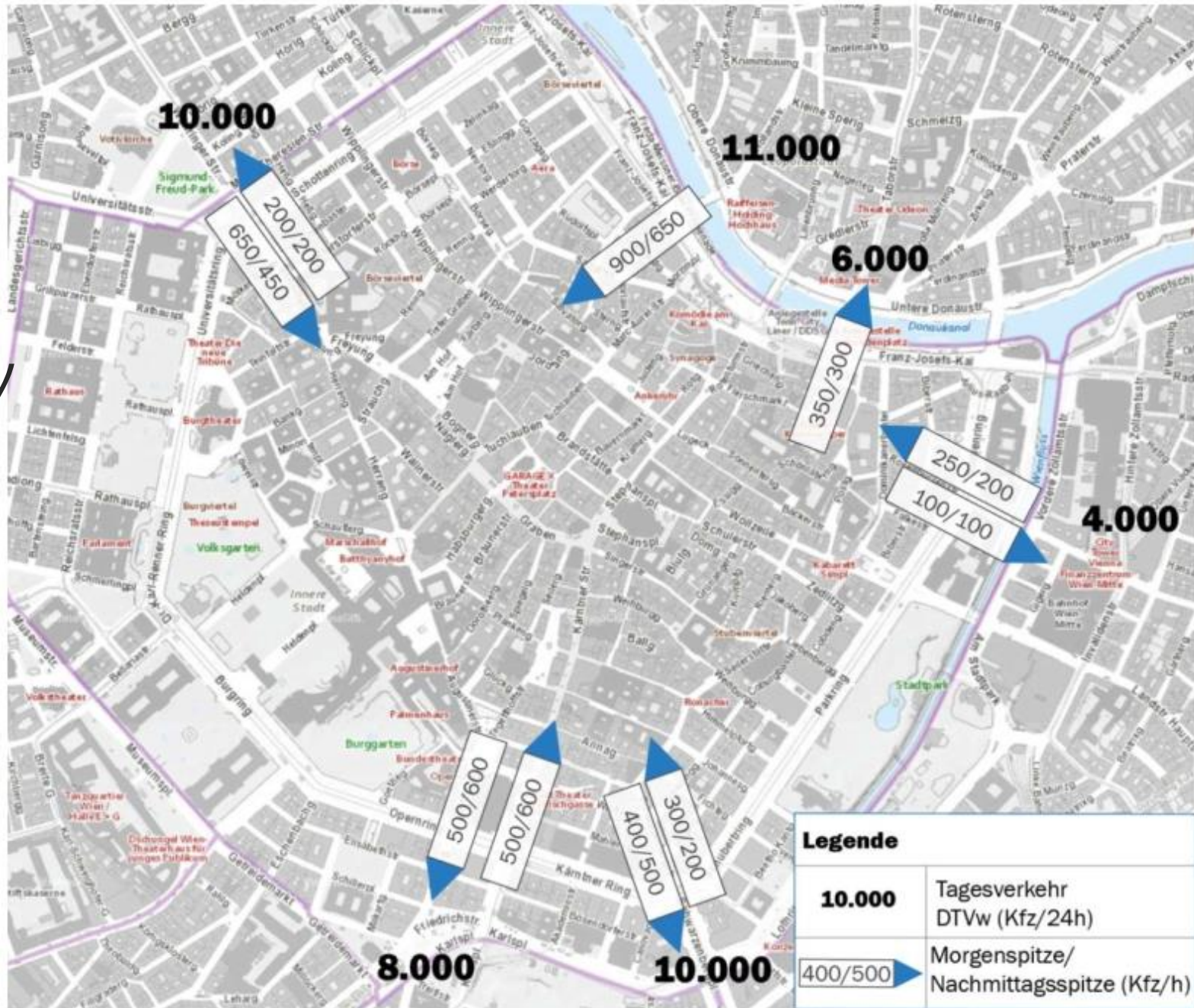
Quelle: Passantenzählung
Oktober 2018 (WKW, MA 18)

Vienna City Center

status quo

50.000 cars in/out per day

7.000 on-street parking



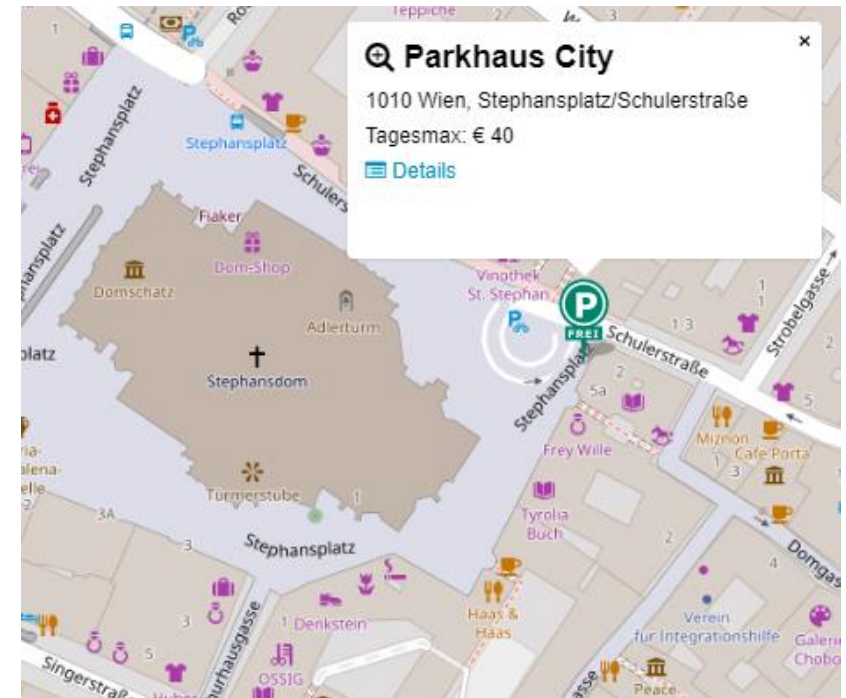
Vienna City Center

status quo

7.000 commercial underground parking



Quelle: www.parken.at (30.08.2019)



🔍 Parkhaus City

1010 Wien, Stephansplatz/Schulerstraße

Tagesmax: € 40

[Details](#)

Traffic calming in the city center

Traffic concept

2020

district mayor

with an agreement of all local political parties

started a process for a traffic concept

Local politicians are voted by residents only!

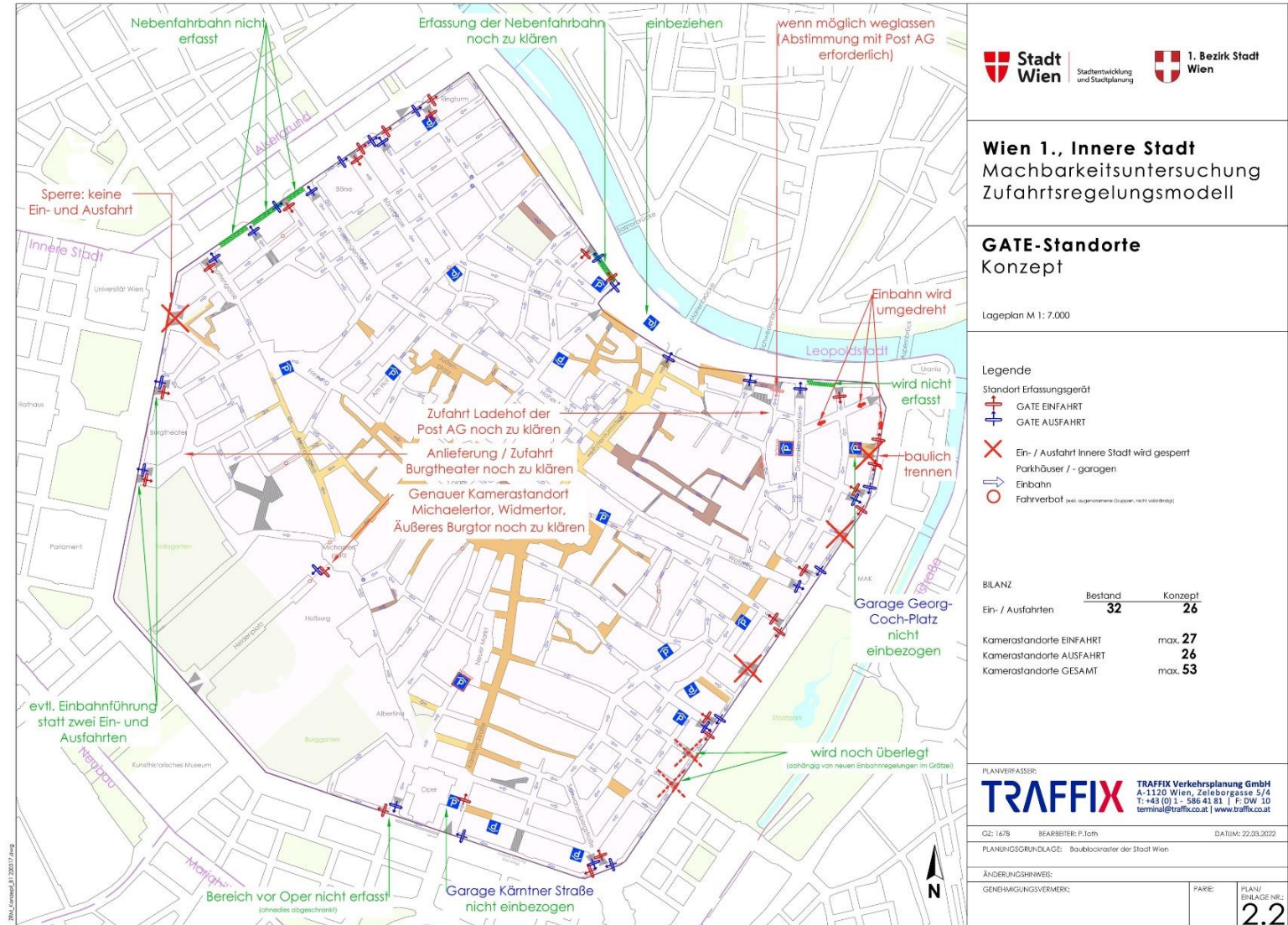


Traffic calming in the city center

Traffic concept

camera-based access management (CCTV)

- reduction of car entries
- reduction of parking space
- more space for greenery



Traffic calming in the city center

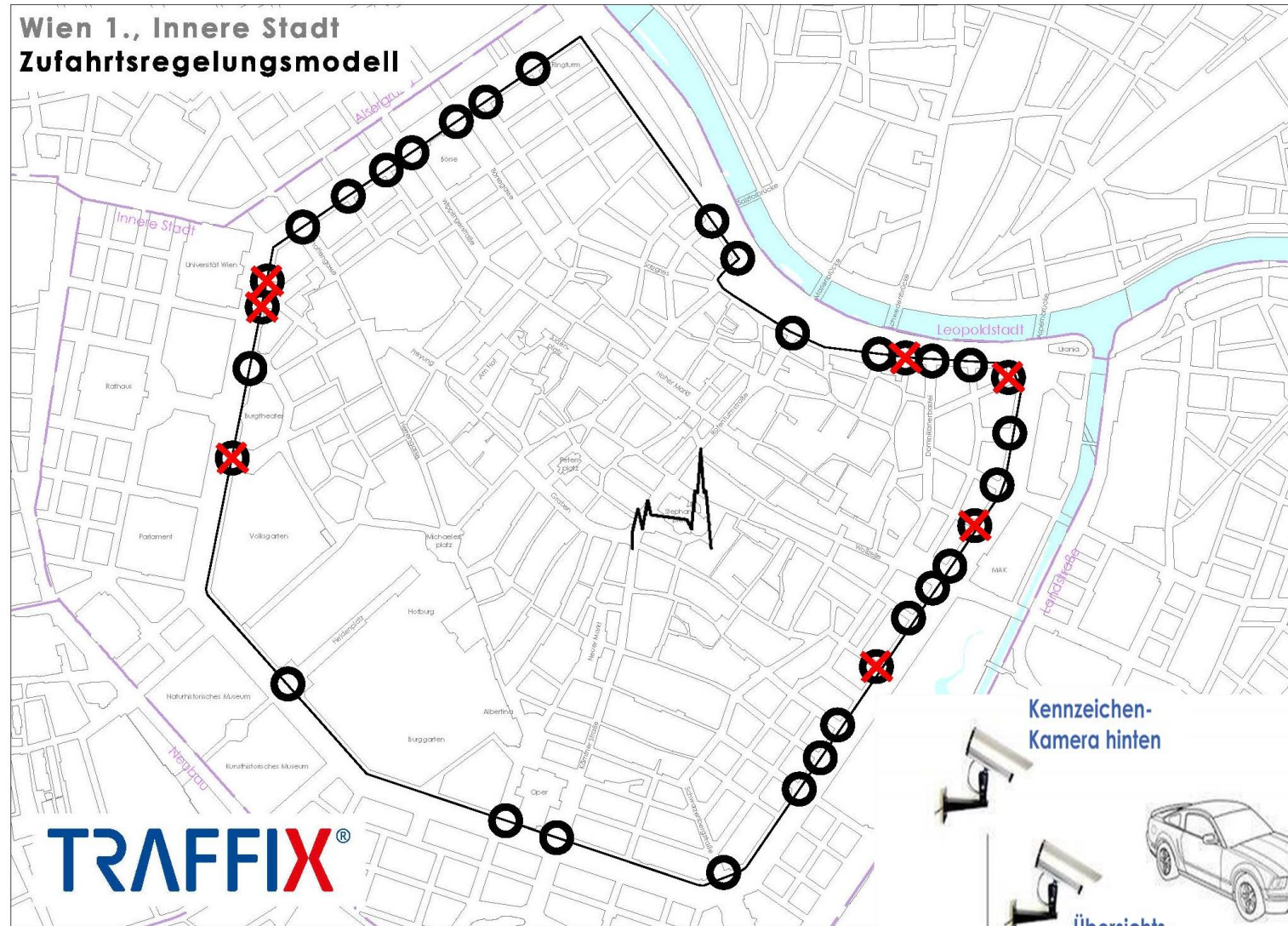
Traffic concept

CCTV:

Entry maximum
30 minutes

Reduction of five
entry points

Exeptions for
garages-entries,
residents,
deliveries,
handicapped..



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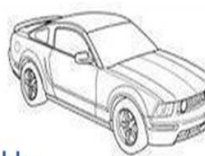


IN 8883

Kennzeichen-
Kamera hinten



Übersichts-
kamera



Kennzeichen-
Kamera vorne



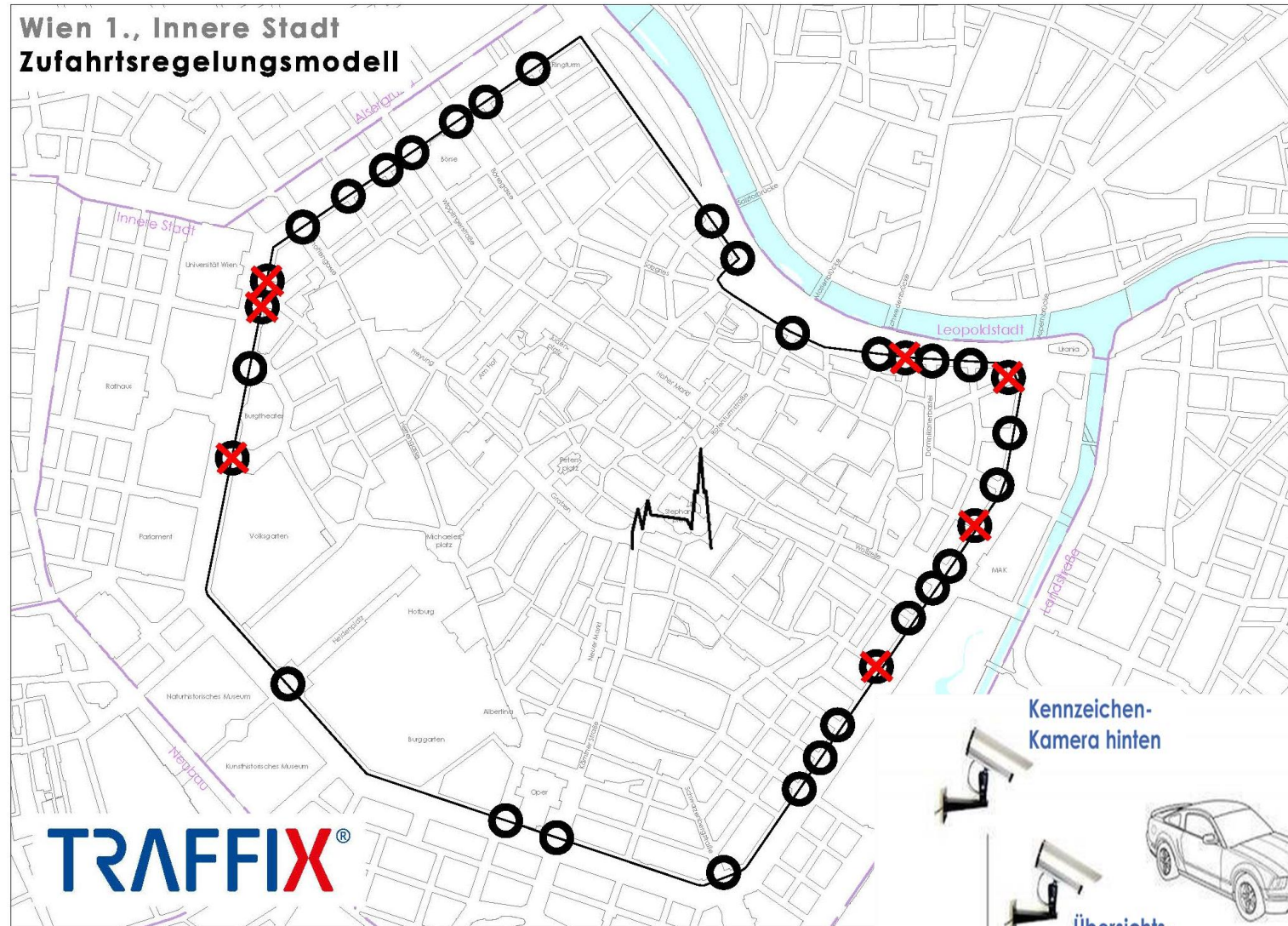
Traffic calming in the city center

Traffic concept

CCTV costs:

15 mio. EUR
investment

1,5 mio. EUR/year
operational costs

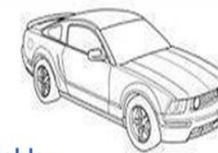


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Kennzeichen-
Kamera hinten



Übersichts-
kamera



Kennzeichen-
Kamera vorne



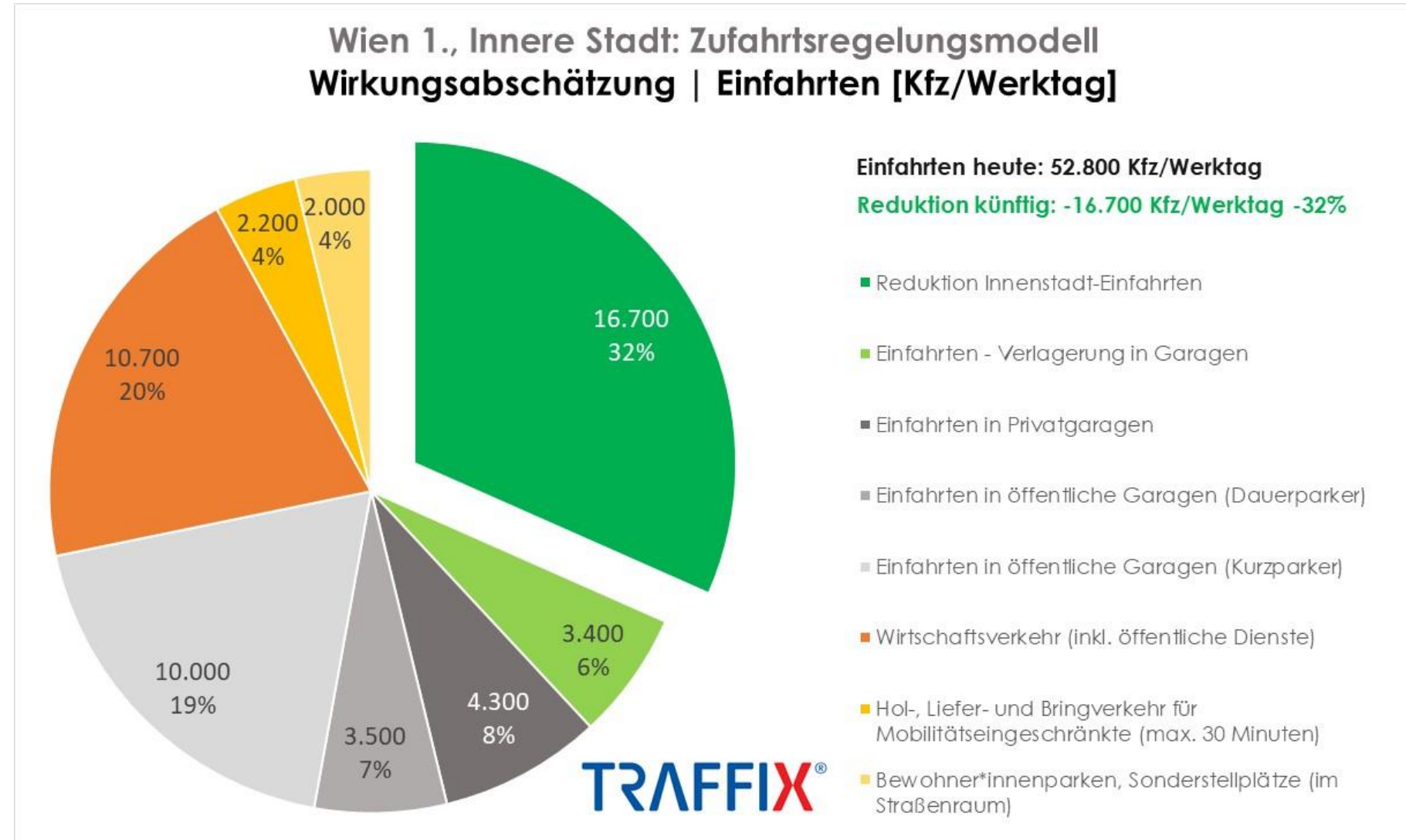
Traffic calming in the city center

Traffic concept

Estimated effects:

Reduction of car
entries: -15.000

*35.000 entries
are remaining*



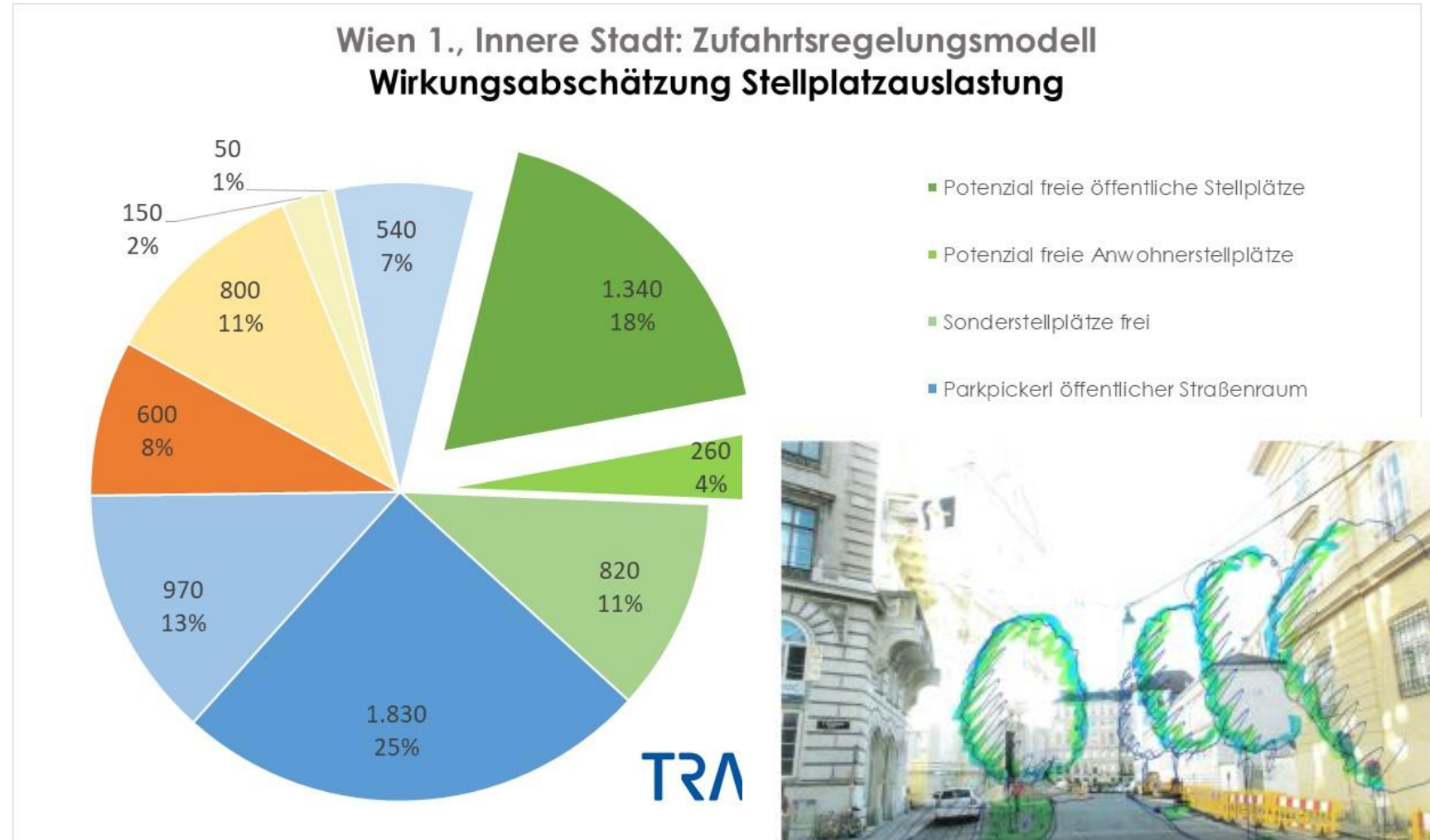
Traffic calming in the city center

Traffic concept

Estimated effects:

1.500 parking space
could be an be reused

*5.500 parking spaces
are remaining*



Vienna City Center

Traffic concept

Political agreement

but

NO IMPLEMENTATION

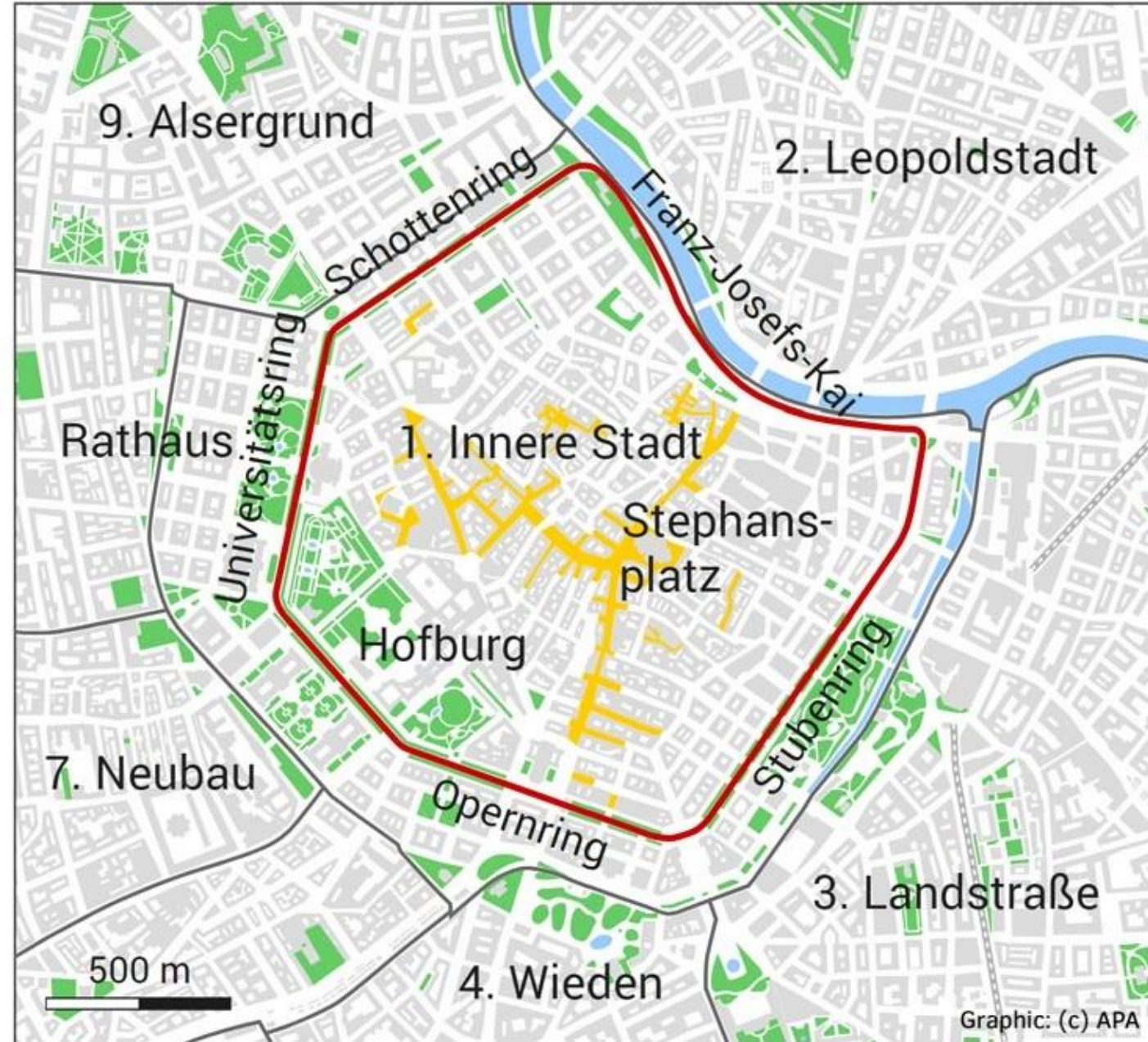
CCTV on street:

waiting for new highway code

– data protection issues



Stadt
Wien



Vienna City Center

Final questions

Is a vibrant city center possible with less than 35.000 car entries?

Is it possible to get rid of remaining 5.500 on street parking space?

...and maybe without CCTV?





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**City of
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