

Strategic Framework in Vienna

Objectives for a sustainable mobility in Vienna

Strategic framework
Mobility

Smart City
Framework
Strategy



STEP 2025
Urban Development Plan

STEP 2025
Detail Concept Mobility

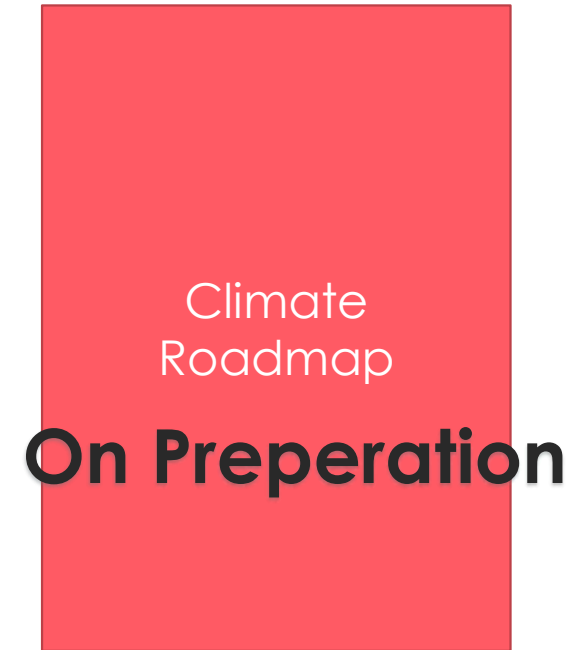


Revision

Revision

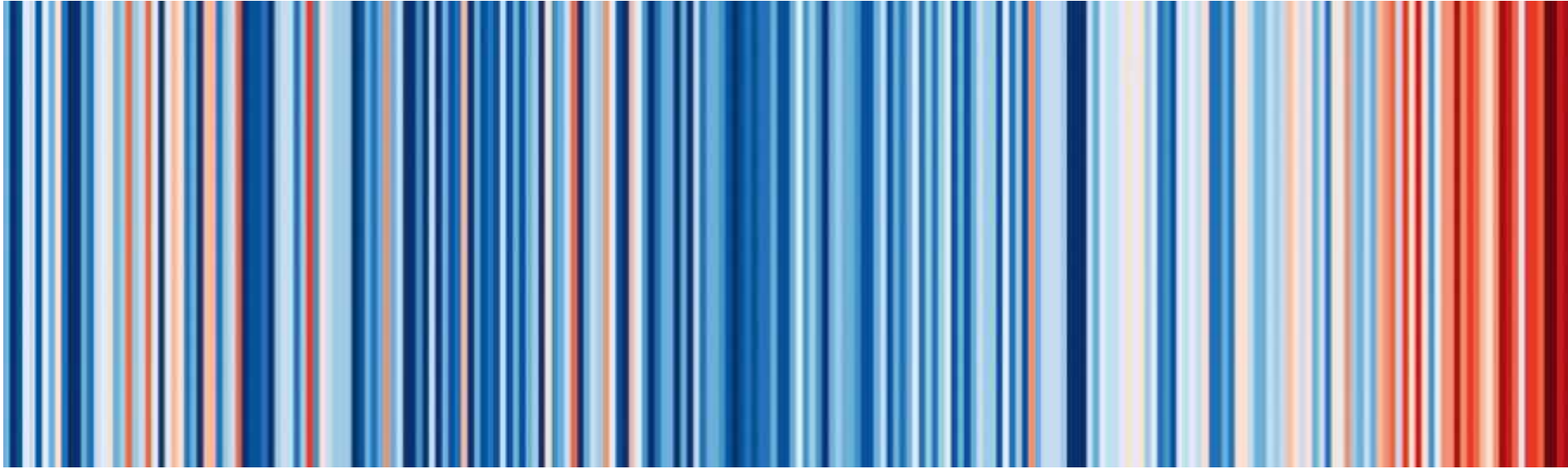
Revision

soon



Climate Change

Rising temperature in Vienna



Viennese annual average temperature from 1775 – 2018

Objectives of the Smart City Framework Strategy



Quality of life

- Vienna is the city with the **highest quality of life** and **life satisfaction** in the world.
- Vienna focuses on **social inclusion** in its policy design and administrative activities.



Resource conservation

- Vienna reduces its local per capita **greenhouse gas emissions** by 50 per cent by 2030, and by 85 per cent by 2050 (compared to the baseline year of 2005).
- Vienna reduces its local per capita **final energy consumption** by 30 per cent by 2030, and by 50 per cent by 2050 (compared to the baseline year of 2005).
- Vienna reduces its **material footprint of consumption** per capita by 30 per cent by 2030, and by 50 per cent by 2050.



Innovation

- By 2030 Vienna is an **innovation leader**.
- Vienna is Europe's **digitalisation capital**.

Dimensions

Energy supply

Water and waste management

Education

Buildings

Environment

Science and research

Mobility and transport

Healthcare

Digitalisation

Economy and employment

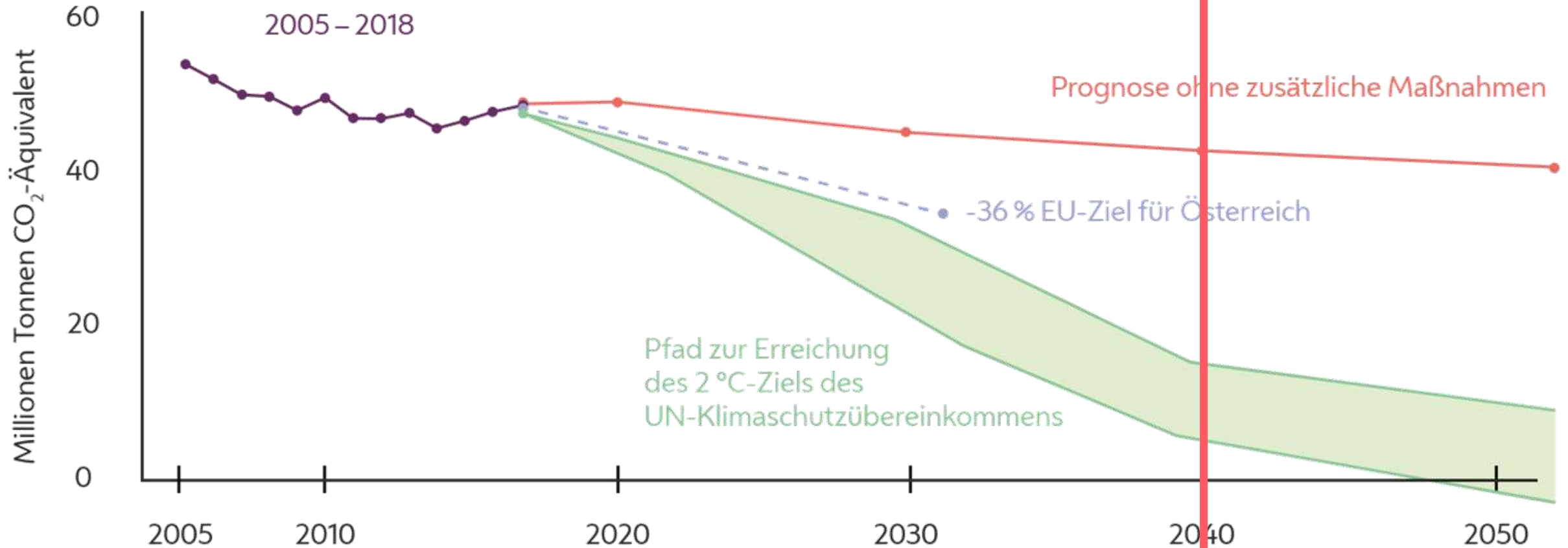
Social inclusion

Participation

Strategic Framework

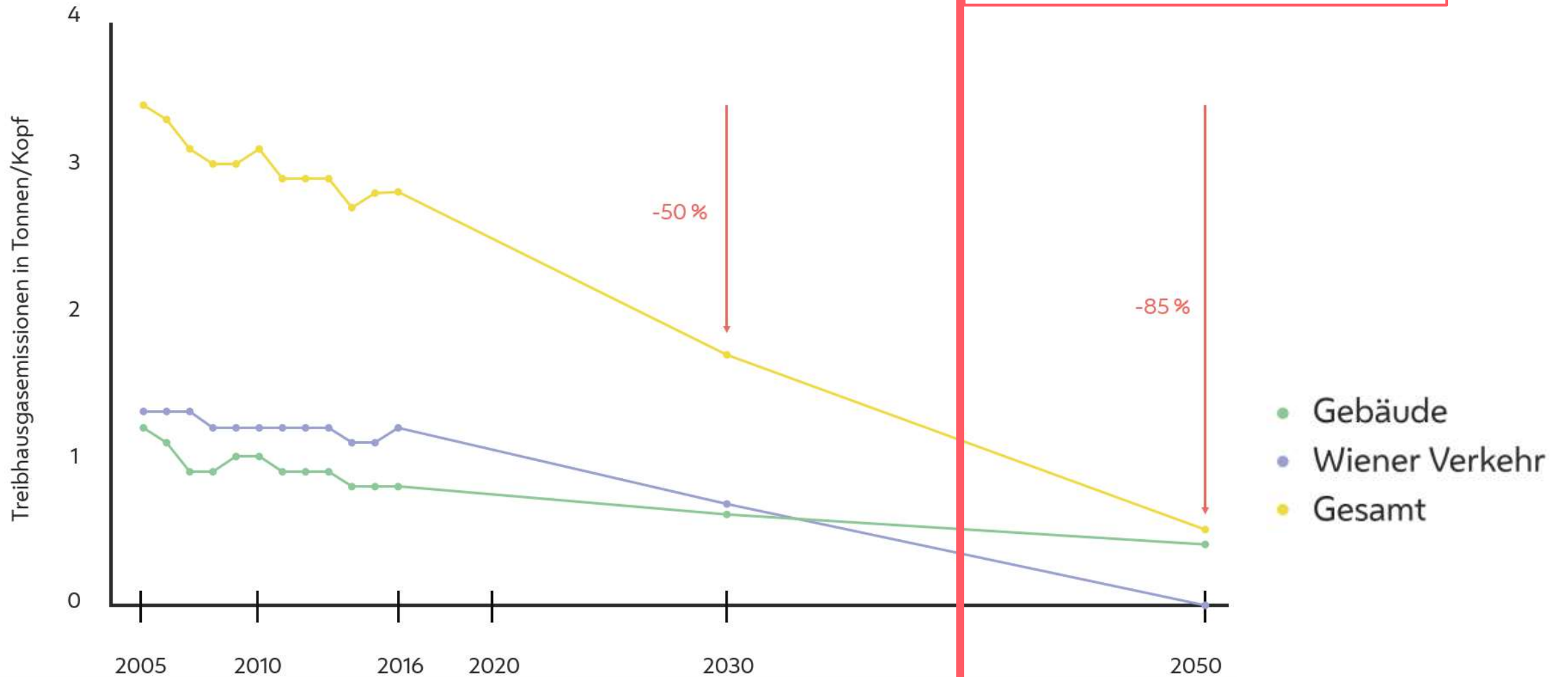
Road to carbon neutrality

New Goal: Carbon neutrality until 2040



Strategic Framework

CO2-Emissions Smart City Framework Strategy



Smart City Framework Strategy - Mobility

Ziel

Per capita **CO2 emissions** in the transport sector fall **by 50 per cent by 2030**, and by **100 per cent by 2050**.

Per capita final **energy consumption** in the transport sector falls **by 40 per cent by 2030**, and by **70 per cent by 2050**.

The **share of journeys** in Vienna made by **eco-friendly modes of transport**, including shared mobility options, rises to **85 per cent by 2030**, and to **well over 85 per cent by 2050**.

By 2030, **private motor vehicle** ownership falls to **250 vehicles per 1,000 inhabitants**.
Down from 300 vehicles per 1000 inhabitants 2020..

At least 70 per cent of all journeys in Vienna continue to be **short distances of up to 5km**, and the majority are made **by bike or on foot**.

The **volume of traffic** crossing the municipal boundaries falls **by 10 per cent by 2030**.

Commercial traffic within the municipal boundaries is largely **CO2 free by 2030**.

**At the moment: Rework
of the
Frameworkstrategy:
Climate neutrality until
2040**

Monitoring

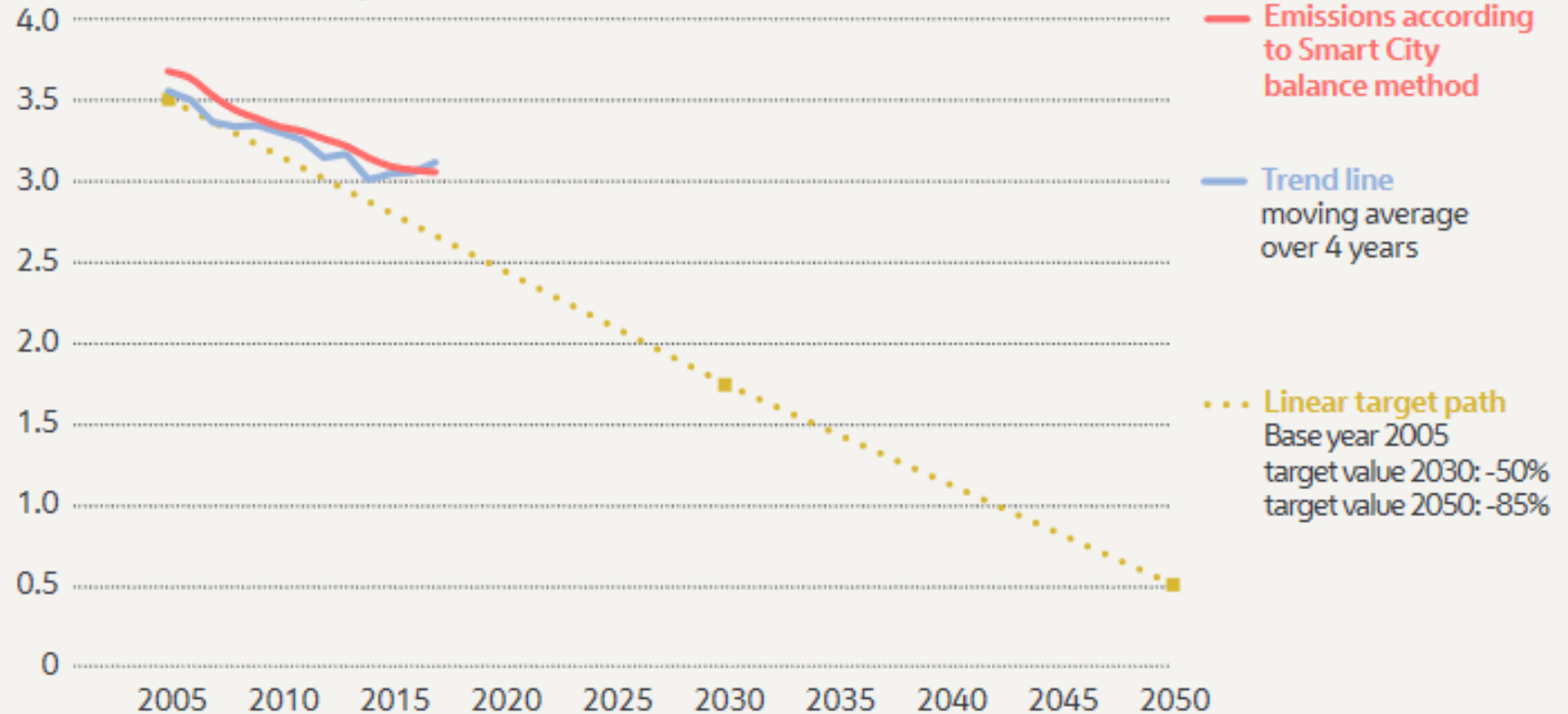
The methodology comprises the following elements:

- Evaluation of attainment of objectives by means of indicators;
- Drafting of recommendations for action based on the evaluation of the objectives;
- Reporting to the political management level;
- Evaluation of the monitoring results and definition of appropriate management measures where required;
- Publishing of public information on the monitoring results.

Key indicators published by the MA 20 yearly (Year of reporting 2020 / Data for 2018)

GHG emissions per capita

Emissions in tonnes of CO₂ equivalents per capita

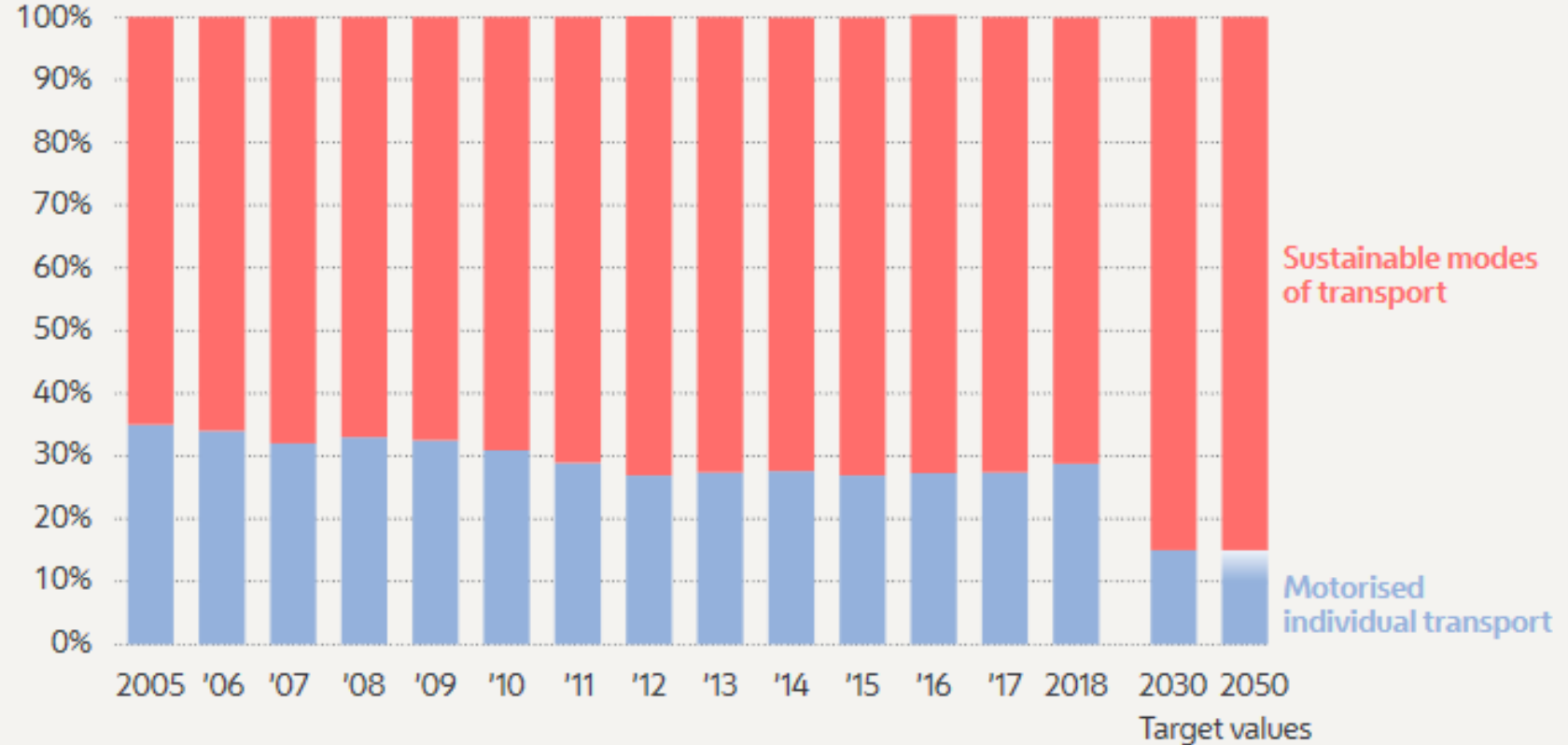


GHG emissions per capita, 2005-2017
Sources [BLI 2017], [Bevölkerung Wien] and [SCWR]

Key indicators published by the MA 20 yearly (Year of reporting 2020 / Data for 2018)

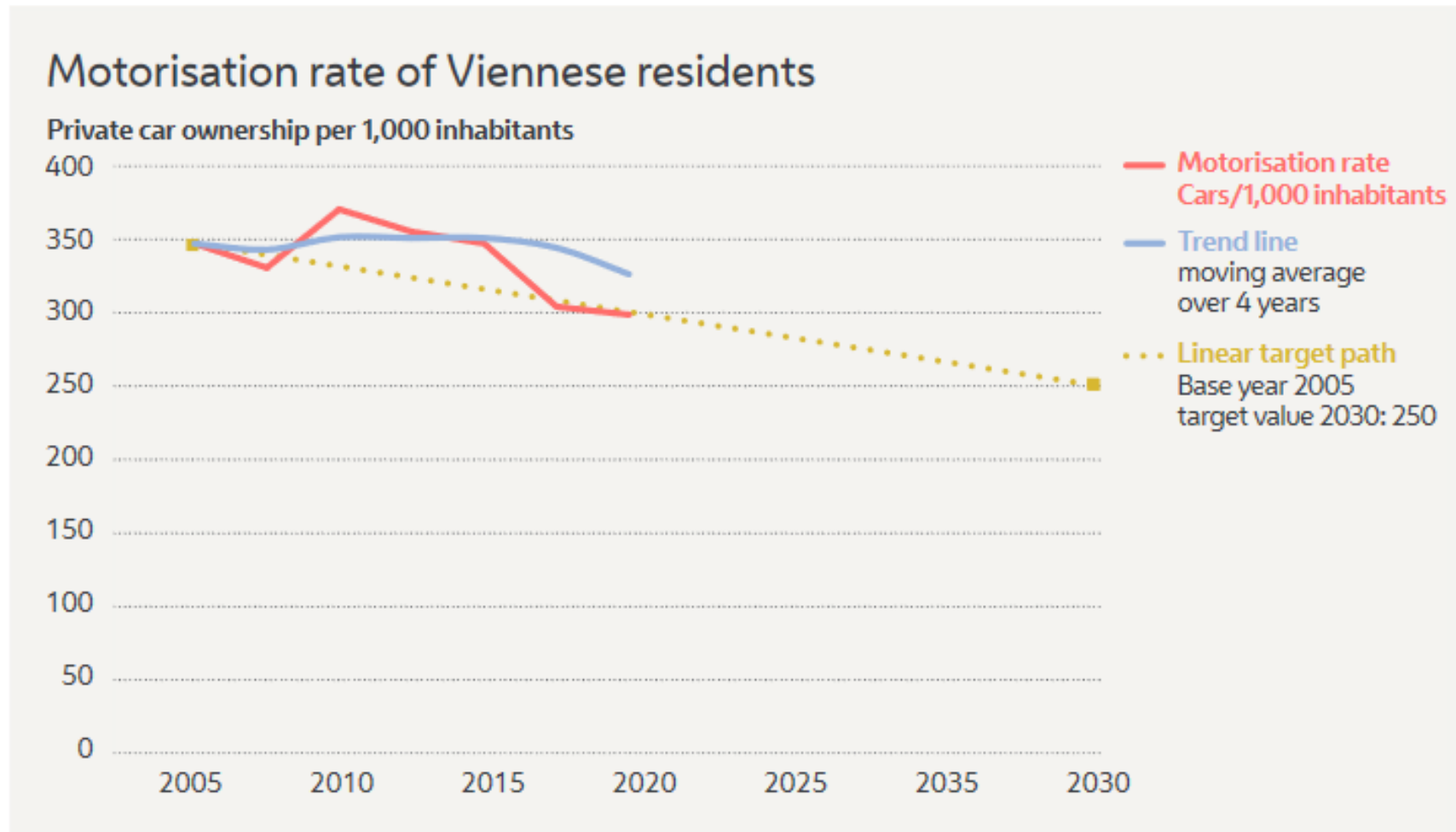
Trip share of Viennese residents

Share in percent



Choice of mode of transport, 2005-2018
Sources [Wiener Linien] and [SCWR]

Key indicators published by the MA 20 yearly (Year of reporting 2020 / Data for 2018)

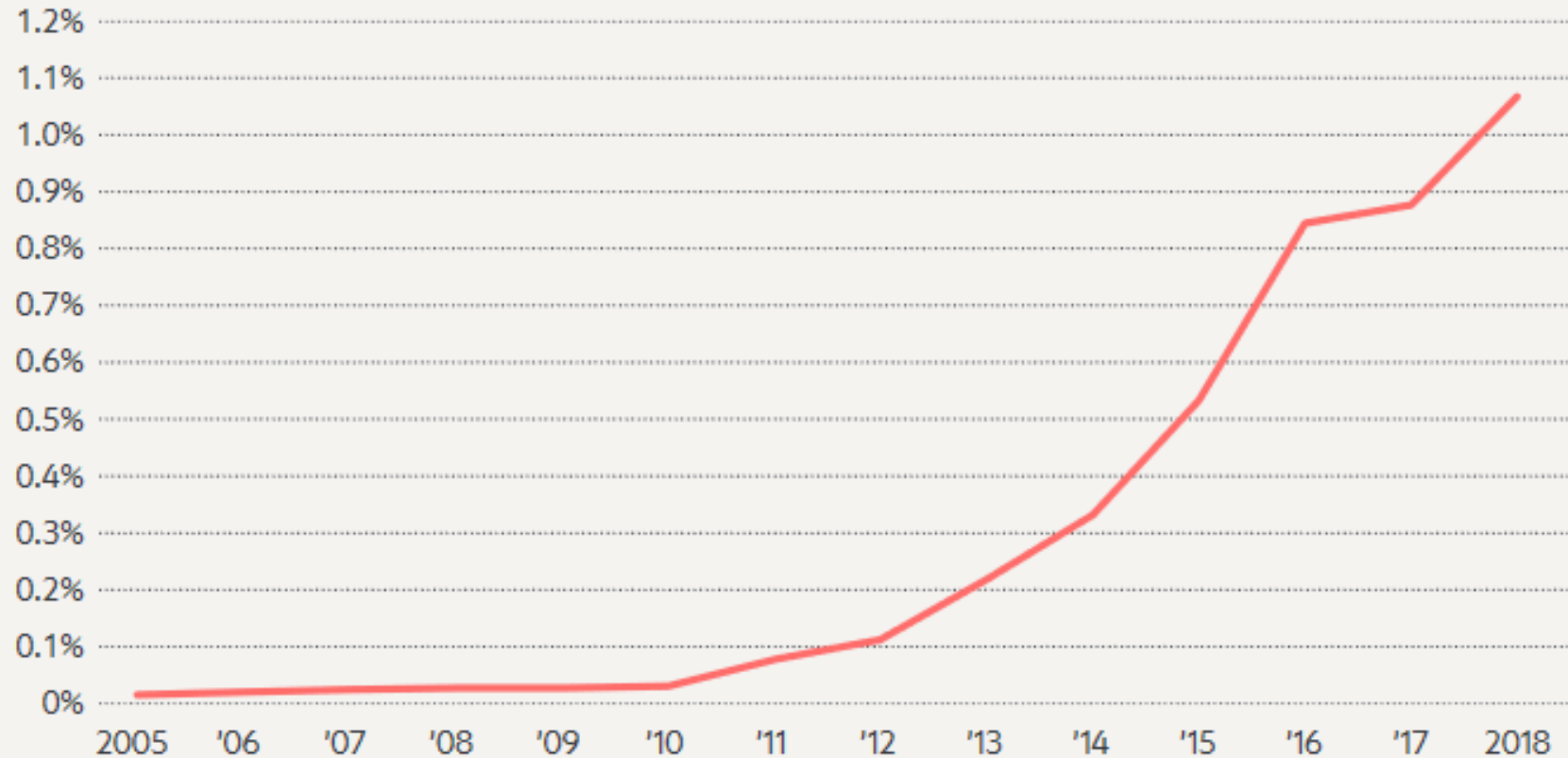


Motorisation rate (private car ownership), 2005-2018
Sources [Private PKW], [Bevölkerung Wien] and [SCWR]

Key indicators published by the MA 20 yearly (Year of reporting 2020 / Data for 2018)

Share of electric and hybrid lorries

Share in percent



Share of electric and hybrid lorries, 2005-2018

Source [KFZ-Bestand]

Key findings – Indicators / Monitoring

- Indicators should be S.M.A.R.T (Specific, Measurable, Achievable, Relevant and Time-bound)
- The objectives/goals should be measurable, data should be available
- Sometimes proxy-indicators are needed (e.g. commercial traffic)
- Indicators should also be adopted by the city council

Mobility Concept 2025 and CO2 targets

CO2-EmissionsTransport in Vienna, It. EMIKAT (22)

Year	historical	Actual (2012)	2025
1999	1871 kt		
2005	2219 kt		
2010	2121 kt		
2011	2011 kt		
		2062 kt	1700 kt

Mobility Concept 2025

Contribution of Measures to Targets

Öffentlicher Raum: Straße fair teilen

- 08 Fokus auf das Miteinander im Verkehr
- 09 Erhöhung der Qualität und Sicherheit von Schulvorplätzen
- 10 Temporäre Öffnung von Straßen für aktive Mobilität
- 11 Mehr Aufenthalts- und Gestaltungsqualitäten im Straßenraum
- 12 Umnutzung von Straßenflächen
- 13 Hohe Bedeutung des Umweltver

fair
gesund
ökologisch
robust
effizient
kompakt



07 Herstellung eines Datenverbunds

Öffentlicher Raum: Straße fair teilen
 08 Fokus auf das Miteinander im Ver
 09 Erhöhung der Qualität und Sicher
 10 Temporäre Öffnung von Straßen
 11 Mehr Aufenthalts- und Gestaltung
 12 Umnutzung von Straßenflächen
 13 Hohe Bedeutung des Umweltver

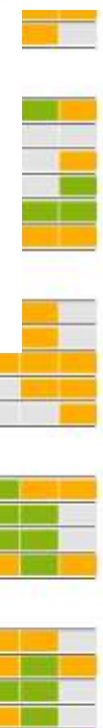
Effizient mobil durch Mobilitätsman
 14 Multimodale Mobilitätsberatung a
 15 Mobilitätsmanagement in Schuler
 16 Mobilitätsmanagement für neue Stadtteile
 17 Umsetzung eines Online-Wohn- und Mobilitätsrechners
 18 Privatrechtliche Vereinbarungen zu Mobilitätsthemen

Nutzen statt Besitzen

- 19 Weiterentwicklung von Leihradssystemen
- 20 Stärkere Vernetzung des klassischen Carsharings mit dem öffentlichen Verkehr
- 21 Unterstützung neuer Formen des Carsharings
- 22 Errichtung von Mobility Points

Verkehrsorganisation: Mobilität schlauer regeln

- 23 Erstellung eines Wiener Kreuzungskatasters
- 24 Kürzere Wartezeiten für FußgängerInnen und RadfahrerInnen
- 25 Mehr Kreuzungen mit einfacheren Regelungen
- 26 Beschleunigung von strukturbildenden Linien im öffentlichen Oberflächenverkehr



STEP 2035

Outlook new topics

City Logistik

Digitalization

E-Mobility and Charging on private property

Data



More Information

For info or further questions on this webinar please contact the JASPERS Networking Platform team:

jaspersnetwork@eib.org

JASPERS Networking Platform:

www.jaspersnetwork.org

JASPERS Website:

jaspers.eib.org

