



Oxford Zero Emission Zone (ZEZ)

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The issues

- Vehicle emissions are harmful for health and contribute to climate change
- There is no safe level of air pollution – the World Health Organisation has recommended the annual limit of NO₂ pollution be reduced from 40µg/m³ to 10µg/m³
- Oxford City Council has set a voluntary interim 2025 target of 30µg/m³ to protect residents from harmful air pollution
- Poor air quality particularly impacts the most vulnerable members of society – the young, old and those with health issues



ZEZ Context

- ZEZ contributes towards delivering the [council's nine strategic priorities](#)
- Oxfordshire's [Local Transport and Connectivity Plan](#) (the 5th LTP)
 - Vision:
 - a net-zero Oxfordshire transport and travel system that enables the county to thrive while protecting the environment and making Oxfordshire a better place to live for all residents.
 - Targets
 - Replace or remove 1 in 4 current car trips by 2030
 - deliver a net-zero transport network by 2040
 - and have zero, or as close as possible, road fatalities or life-changing injuries by 2050.



ZEZ objectives

1. Cleaner, healthier air and lower **carbon** emissions
2. Less congestion and more use of active travel and public transport
3. Support Vision Zero: **zero deaths and fewer serious injuries** from road traffic collisions
4. More **attractive streets and spaces** for the local economy and communities to thrive
5. Tackle health and social inequalities



What is the ZEZ

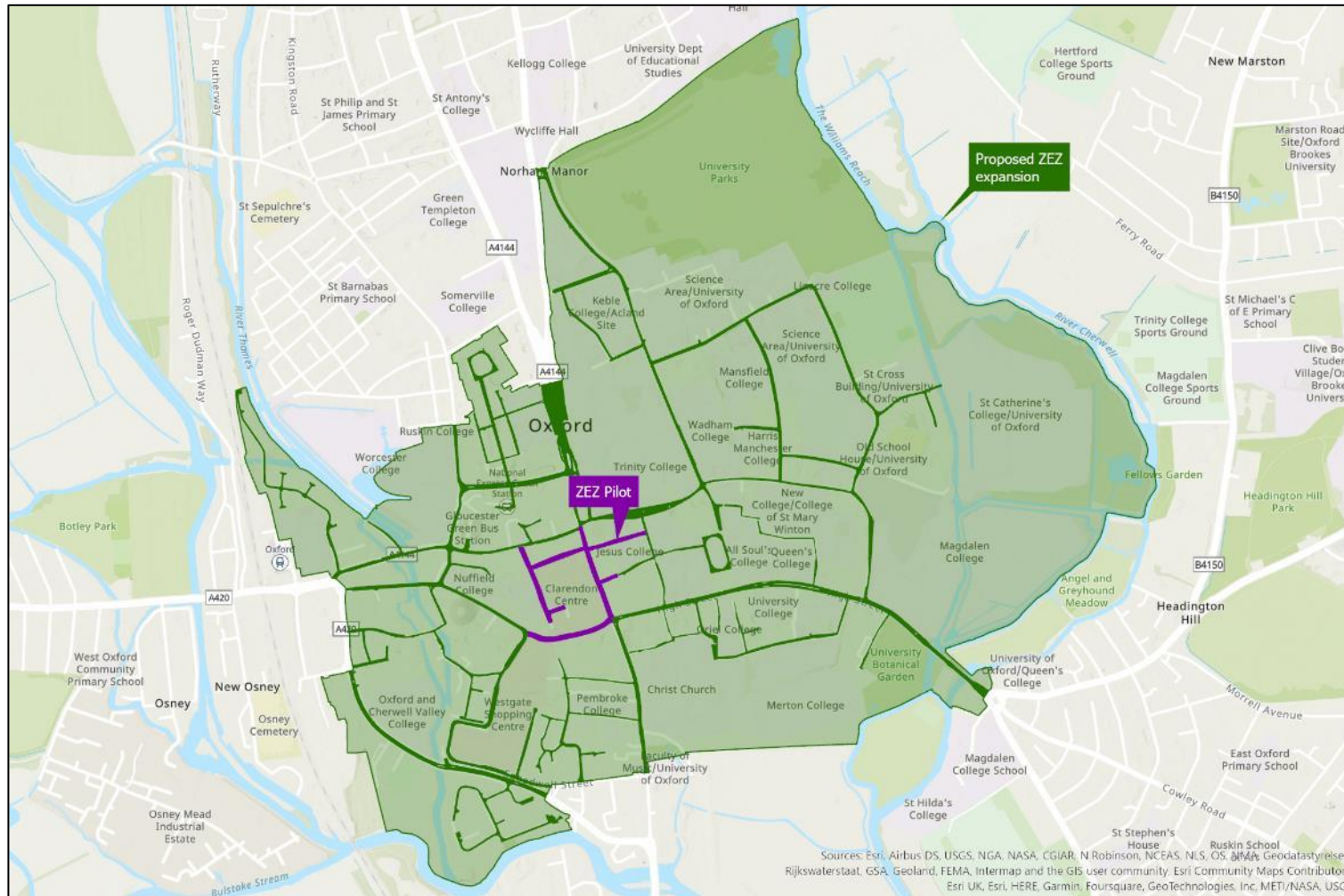
- The ZEZ is a road user charging scheme to improve air quality and reduce carbon emissions
- Vehicles with zero tailpipe emissions can be driven in the zone free of charge
- All other vehicles (including hybrids) are charged a daily fee according to their emissions
- Discounts & exemptions apply for certain user groups



History of the ZEZ

- Dates from LTP4 of 2015
- Joint city and county scheme
- Multiple public and stakeholder consultations
- Pilot scheme, live since February 2022
- Assessment continuing for wider ZEZ

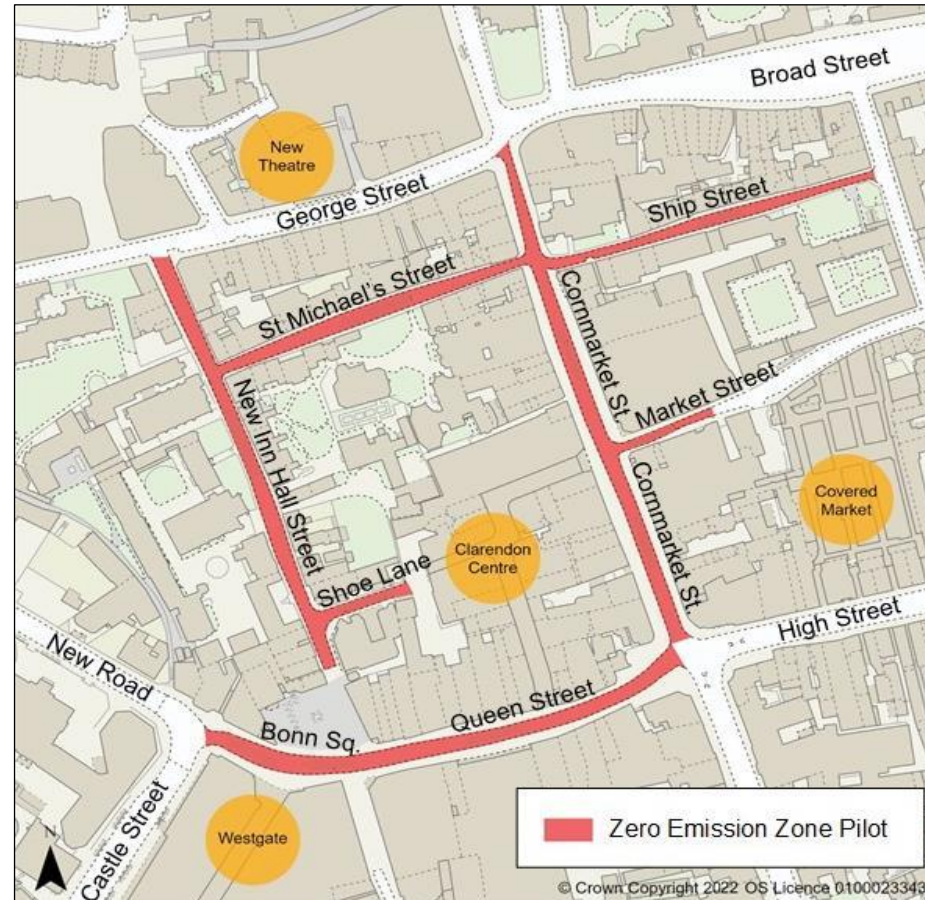
Location



ZEZ Pilot – purpose and location

Purpose:

- test concept and operating systems
- include a wide range of users – businesses, shoppers, employees, visitors, suppliers, tradespersons, university, colleges etc
- identify improvements for the proposed wider ZEZ



ZEZ Pilot - streets

Cornmarket Street



New Inn Hall Street



Bonn Square





Pilot: Emissions bands and daily charges

Band	Emissions	Daily charge
Zero (ZEV)	0g/km CO ₂	£0
Ultra-low (ULEV)	<75g/km CO ₂ , motorcycles	£2
Low (LEV)	Euro 4 petrol/Euro 6 diesel or better	£4
Other	None of the above	£10



Exemptions and Discounts

Exemptions include:

- Emergency services
- Buses
- Taxis licensed by the city council
- Historic vehicles
- Special vehicles

Discounts include:

- ZEZ Residents @ 90%
- ZEZ Businesses @ 90%
- Blue badge holders @ 100%
- Health and social care workers @ 100%
- Low emission hybrid private hire and hackney carriage vehicles @ 50%
- Students in acute financial hardship (6 days per academic year)



Inter-authority working

- Shared goals and aligned policies and same vision
- Communication between inter authority departments and teams
- Building a strong working relationship
- Agreed responsibilities and duties
- ZEZ Steering Group with officers and members from City and County authorities
- Co-ordinated comms



Implementing the scheme

- Multi-disciplinary project: Network management, Comms, IT, web content, finance, Customer Service Centre and libraries.
- Work closely with expert suppliers to ensure understanding of scheme detail and what's deliverable
- Learn from others



Consultation, Comms & Engagement 1

- Engaging the community: consulting the public and local businesses to incorporate their views into a net-zero strategy
- Crucial for public understanding and acceptance of the scheme
- people can feel they are being heard, and also start feeling ownership not only of the problem, but also and perhaps more importantly of the proposed solutions
- ZEZ pilot partnership forum for businesses, organisations from both authorities



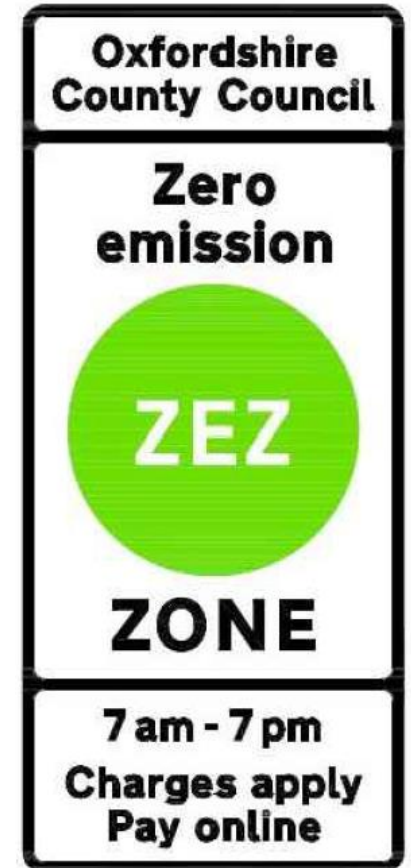
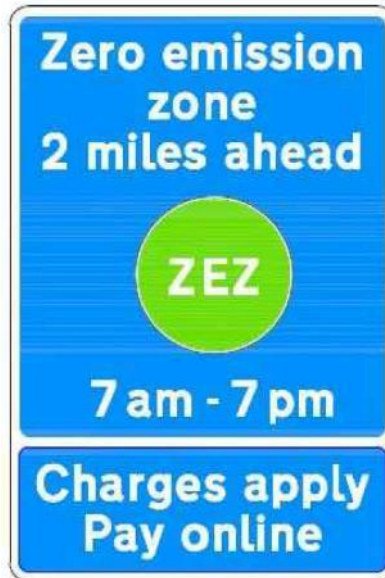
Consultation, Comms & Engagement 2

ZEZ Partnership - forum for businesses, organisations from both authorities - helps resolve issues and inform scheme detail

- face to face meetings
- press releases
- social media
- direct delivery of hard copy information
- website www.oxfordshire.gov.uk/zeroemissionzone
- ZEZ email inbox zez@oxfordshire.gov.uk

Enforcement

- 5 nr. static ANPR cameras
- Traffic signs at scheme boundary and on approaches
- DfT signs authorisation
- Soft launch





Charging Order

TRANSPORT ACT 2000

Oxford Zero Emission Zone Charging Order 2021

Made

20th December 2021



ZEZ website www.oxfordshire.gov.uk/zeroemissionzone

Oxford zero emission zone (ZEZ)

Details of our zero emission zone (ZEZ) in Oxford city centre.

[Check your vehicle and pay](#)

[Change of vehicle](#)

In this section

View a map of the ZEZ

View the map of the ZEZ pilot area and the streets covered.

Charges for Oxford's ZEZ

How to check the charge for your vehicle and pay for driving in the zero emission zone.

Discounts and exemptions

Some vehicles are eligible for a discount from the daily charge and some are exempt.

Apply for a ZEZ discount

Discounts are available, including for Blue Badge holders, residents and businesses in the zone.

Fines

What to do if you receive a penalty charge notice (PCN) for non-payment of a ZEZ charge.

Appeal against a ZEZ fine

How to contest a penalty charge notice (PCN) if you believe it was wrongly issued.

About the zero emission zone

Vehicle emissions cause significant harm to health and contribute to climate change.

Apply for a refund

How, in exceptional circumstances, you may be able to apply for a refund.

Check your vehicle and pay

How to pay the zero emission zone charge.



**OXFORDSHIRE
COUNTY COUNCIL**



User Journey: Vehicle check and Payment

www.oxfordshire.gov.uk/zeroemissionzone

Enter number plate

Exemption / discount check

Daily charge determined from vehicle data lookups via APIs to DVLA and motor industry databases

Dates selection + / - 6 days

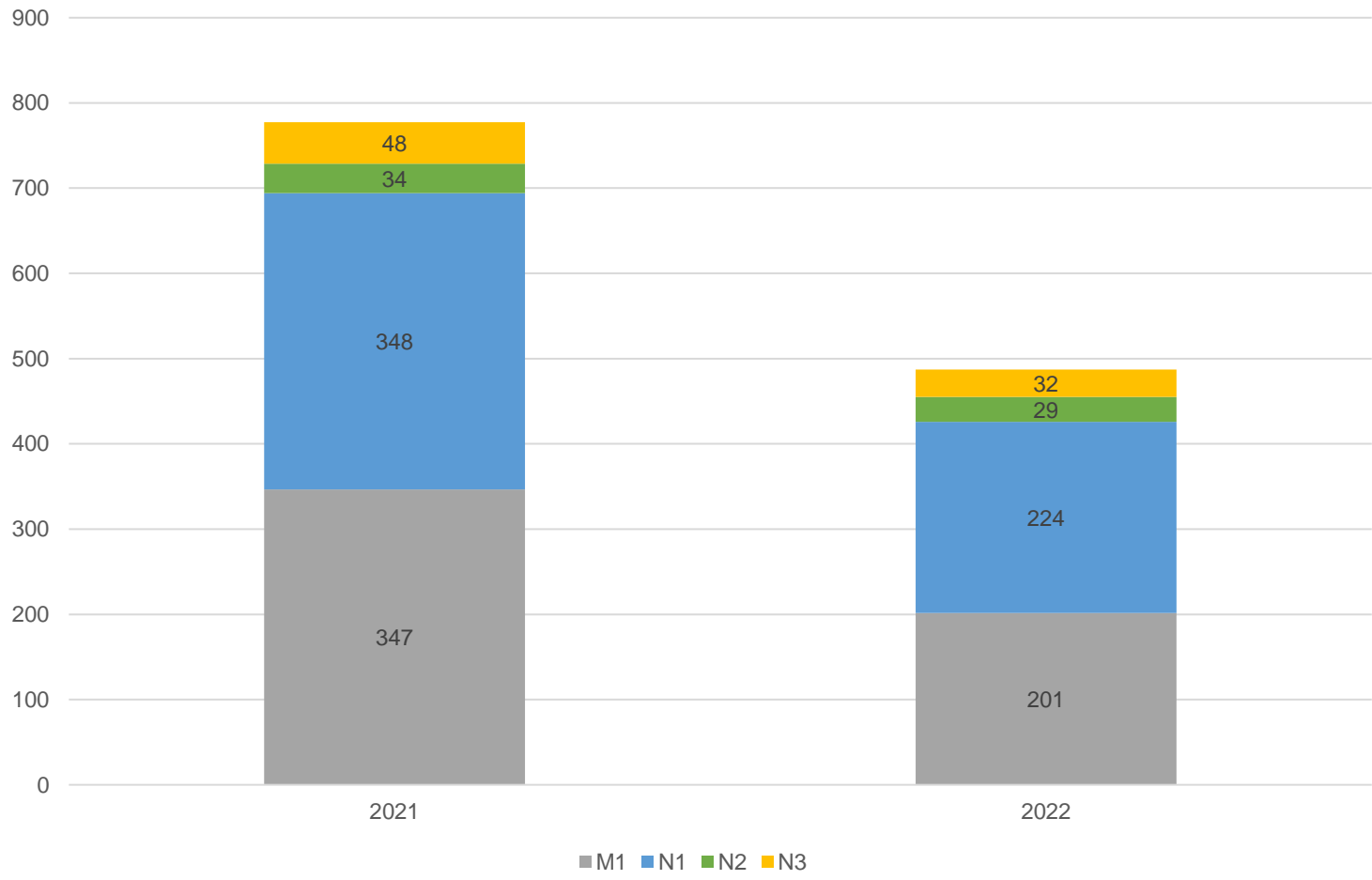
Charge determined

Payment



Traffic surveys 2021 vs 2022

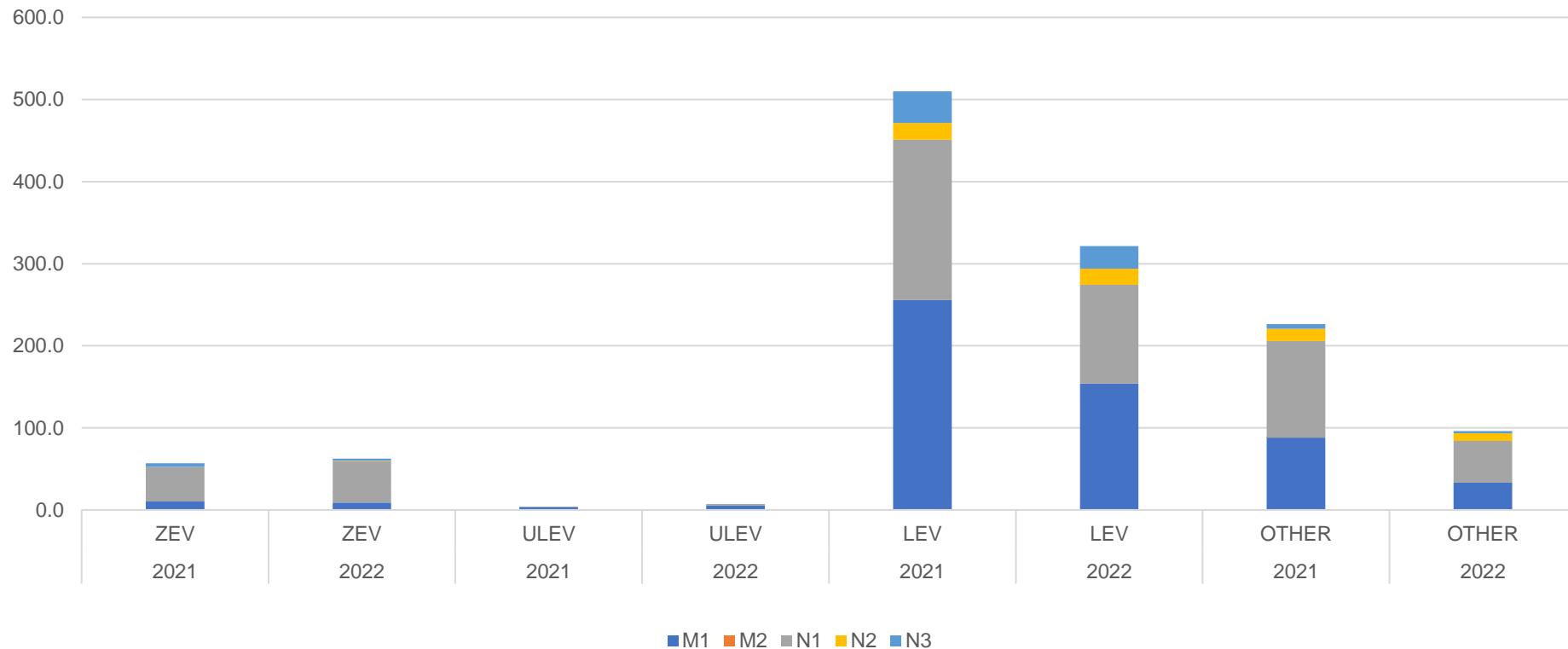
2021, 2022; 7am-7pm; Mon-Sun,
Mean daily vehicle movements by vehicle class M1, N1, N2, N3





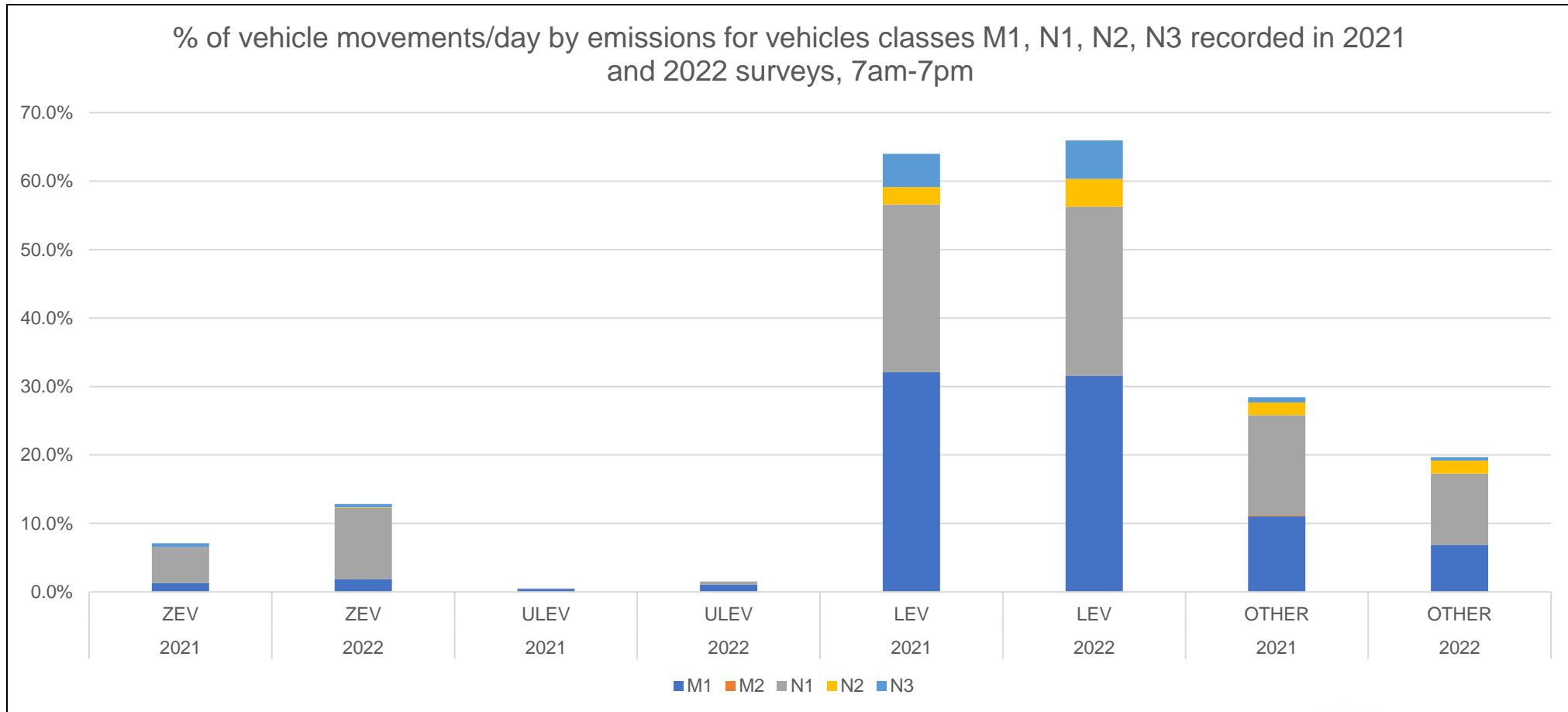
Traffic surveys 2021 vs 2022

Nr of vehicle movements / day by emissions for vehicles classes M1, N1, N2, N3 recorded in 2021 and 2022 surveys, 7am-7pm





Traffic surveys 2021 vs 2022





Learning from scheme operation

- overall vehicle movements in the pilot have reduced substantially during scheme operating hours
- air pollution levels decreased overall in 2022
- has encouraged change to zero emission vehicles
- the scheme's concept and operating systems work
- surplus income is being generated that will support the delivery of local transport objectives
- demand particularly from businesses for simpler ways to pay ZEZ charges via accounts



Future development of ZEZ

- Wider ZEZ being progressed through further assessment, engagement and consultation.
- Visit www.oxfordshire.gov.uk/widerzez



ZEZ latest information

www.oxfordshire.gov.uk/zeroemissionzone

www.oxfordshire.gov.uk/widerzez

zez@oxfordshire.gov.uk

Thank you!