



# FIX THAT MIX

better accessibility and the politics of change

2024 Annual POLIS Conference  
Karlsruhe, 27 November 2024

**Philipp Rode**, LSE Cities  
London School of Economics and Political Science



THE LONDON SCHOOL  
OF ECONOMICS AND  
POLITICAL SCIENCE ■

LSE**Cities**

//////////////// Why / What / Where / How //////////////////

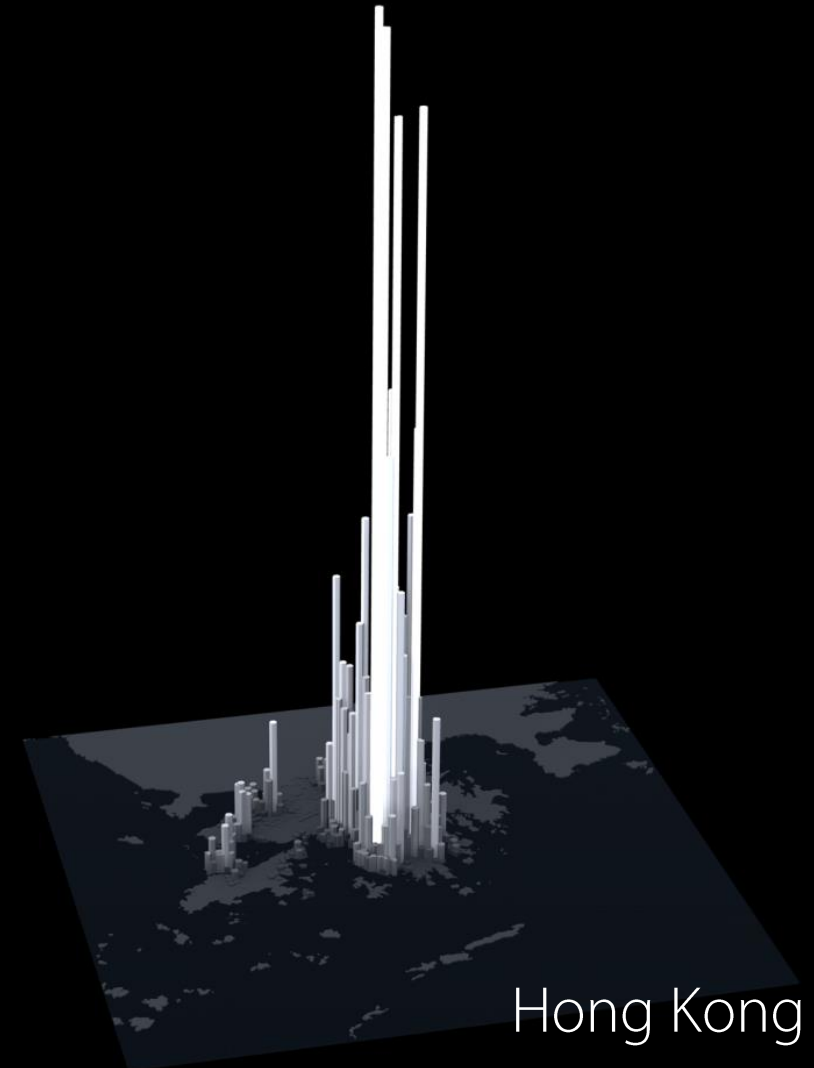
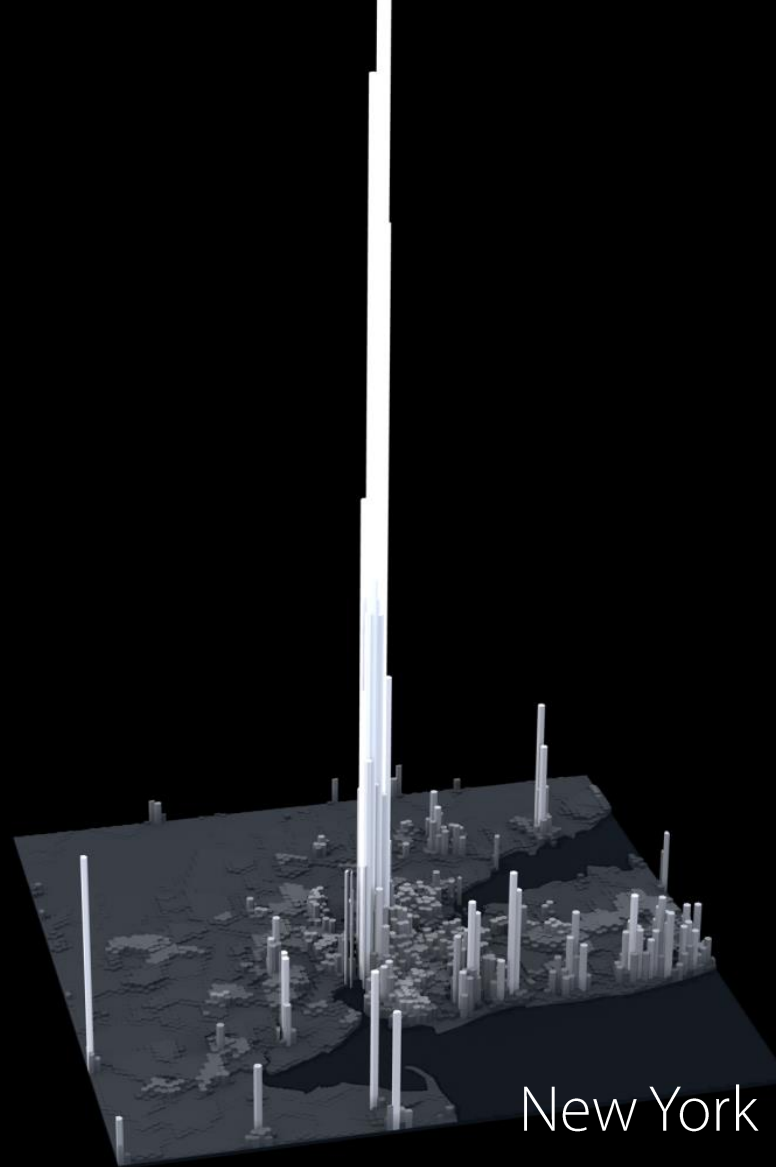
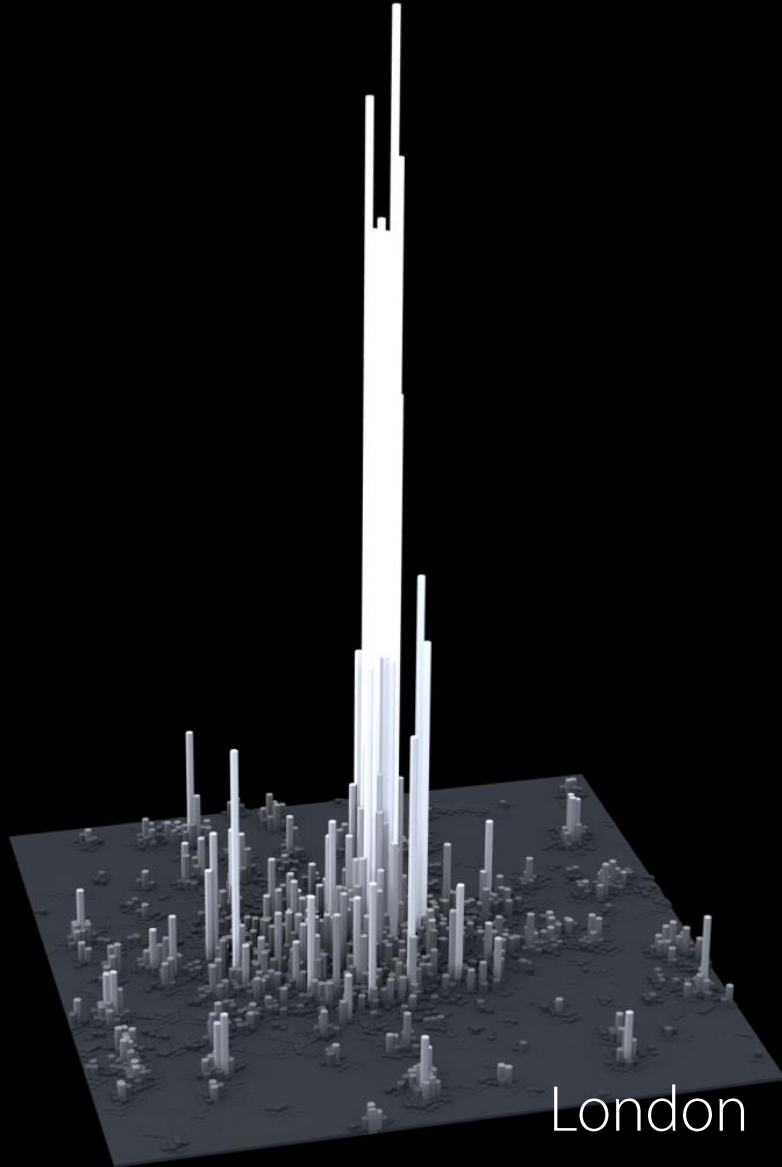


Why Mix?

fix that mix

# CITIES AS TERRITORIES OF ACCESS

Work Place Density | Source: Rode et al 2012





CORRA PARA  
APROVEITAR  
ESSA CHANCE.

CORRA PARA  
APROVEITAR  
ESSA CHANCE.

# DIFFERENT MODAL CHOICE – INDIVIDUAL FACTORS

Source: von Rosenstiel 1982

1. Cost
2. Time
3. Reliability
4. Physical comfort/ convenience
5. Exploration/ curiosity
6. Physical desire for action
7. Technical desire for action
8. Willingness to take risk
9. Physical safety
10. Avoidance of pollution
11. Avoidance of noise
12. Visual Amenities
13. Social contact
14. Privacy
15. Independence
16. Power
17. Subordination
18. Aggression
19. Performance motivation
20. Prestige/status
21. Safety for other person
22. Granting others help/protection
23. Avoiding disturbance to others
24. Societal/environmental considerations

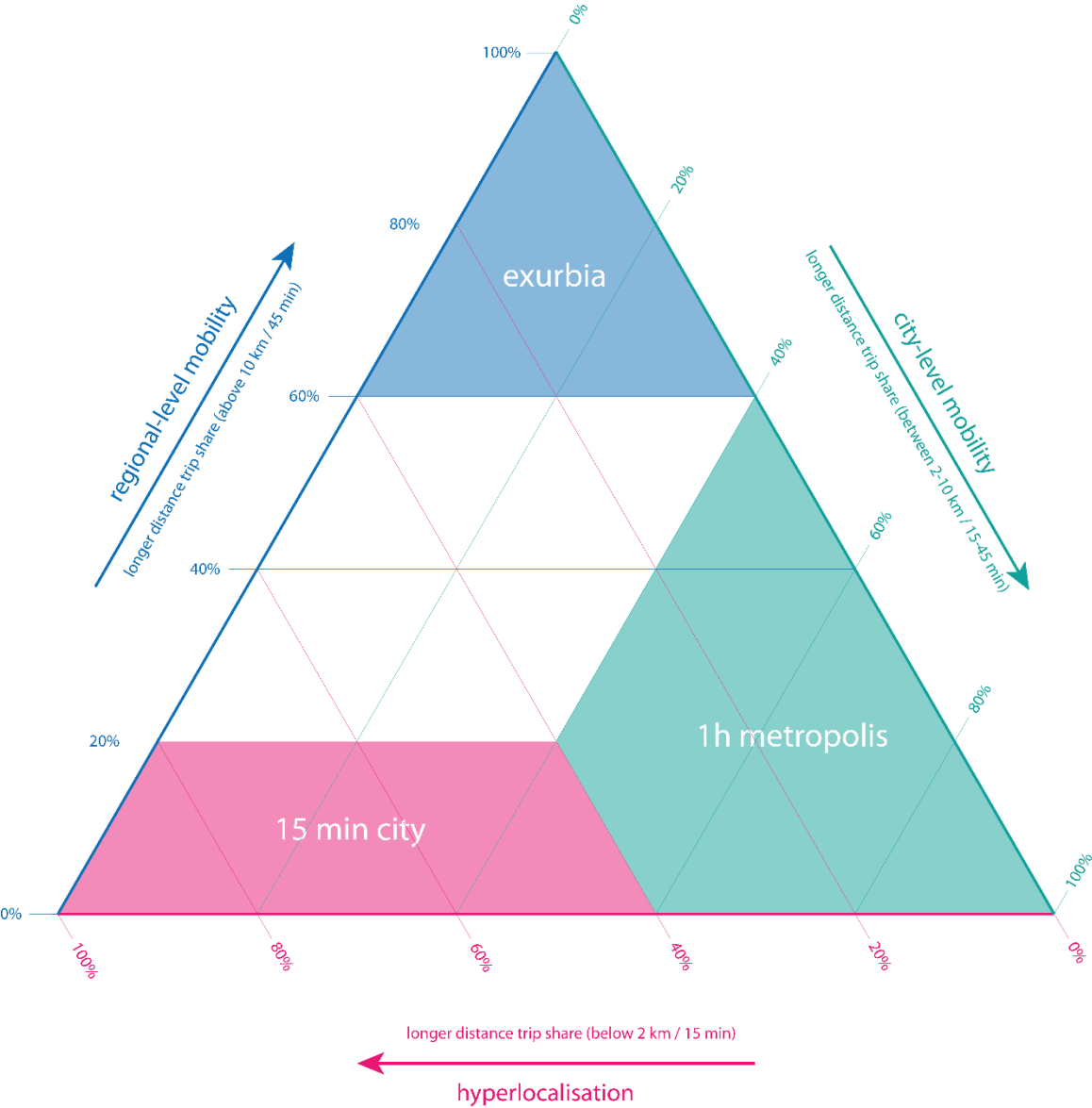






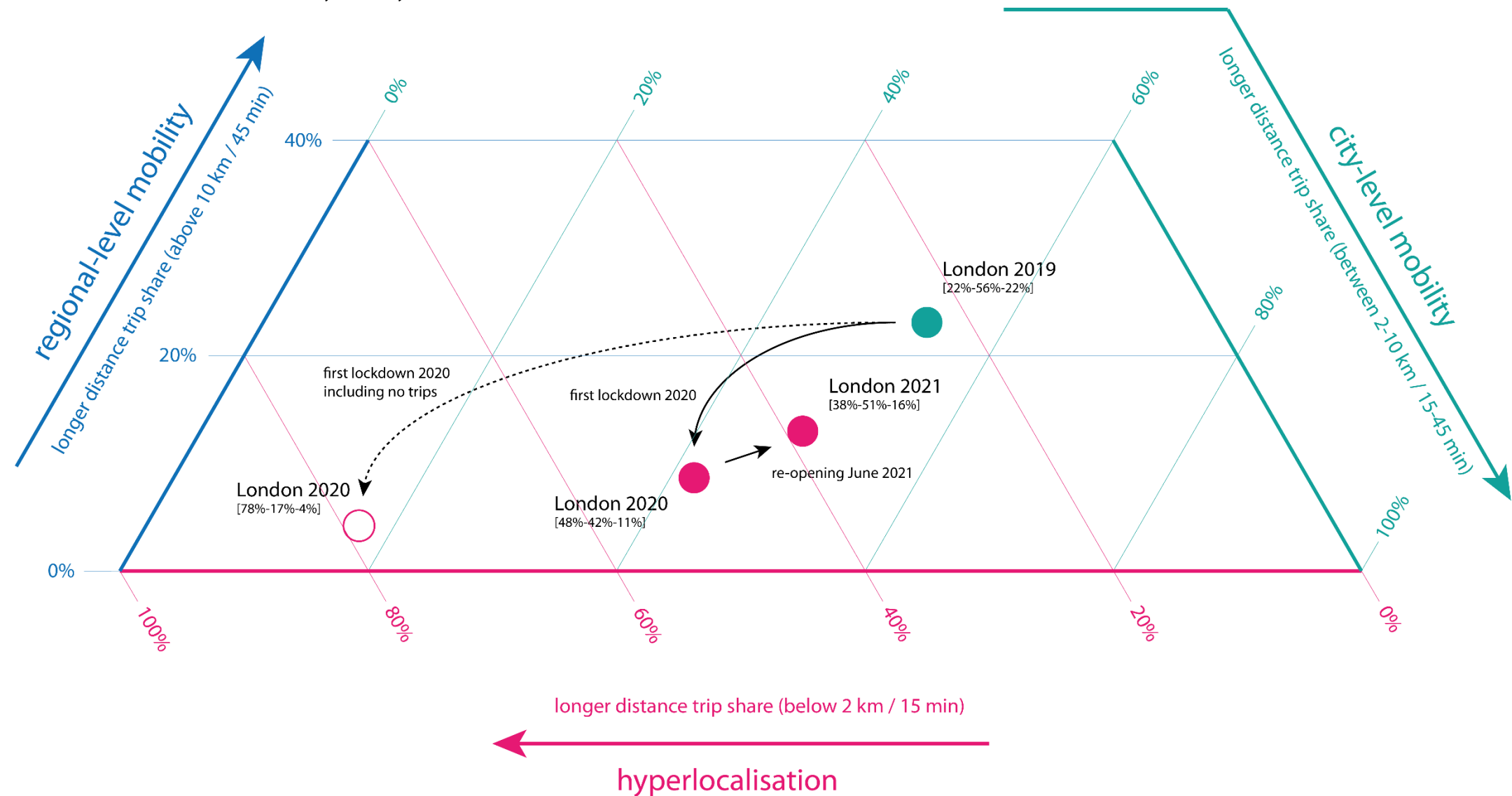
# DIFFERENT TRIP LENGTHS

Source: Rode 2021



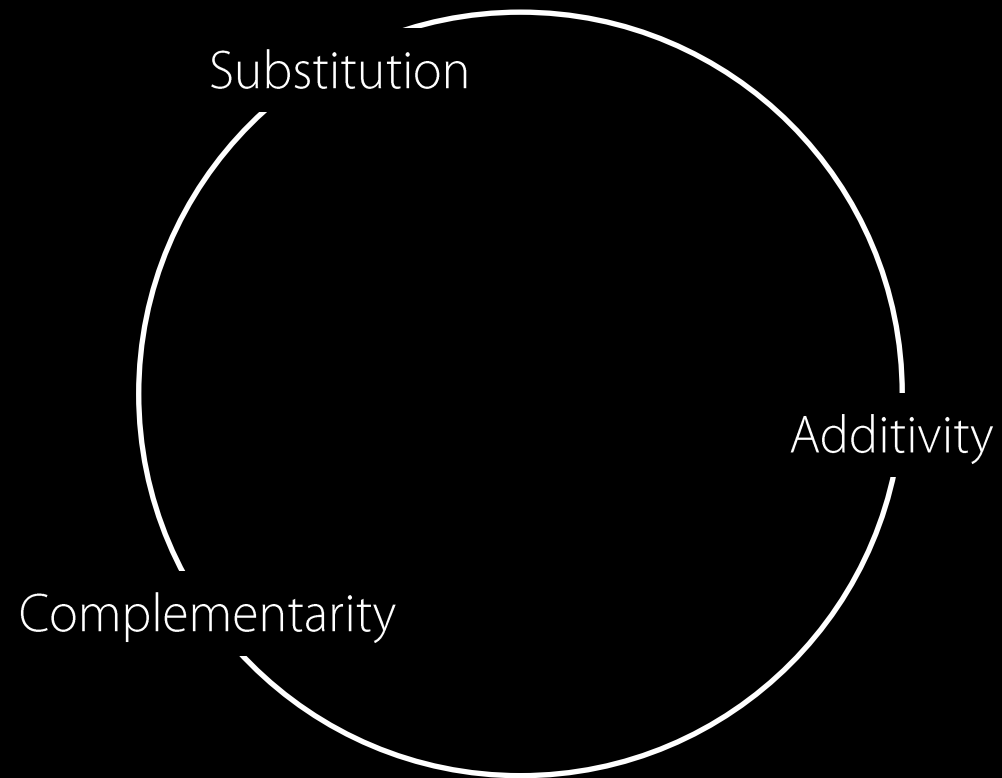
# LONDON CHANGE OF TRIP LENGTHS | 2019-2021

Source: Rode 2021 based on data by Teralytics



# NEW TRANSPORT TECHNOLOGIES

Source: based on Kellermann 2014





**COPENHAGEN  
CYCLING**



**MEDELLIN  
METROCABLE**



**PARIS  
VELIB**



**BOGOTA  
TRANSMILENIO**



**LONDON  
CONGESTION CHARGE**



**HONG KONG  
RAIL PROPERTY POLICY**



**SAO PAULO  
BUSES**



**BERLIN  
E-MOBILITY**



**ZURICH  
TRAMS**



**GUANGZHOU  
BRT**



**NYC CYCLING**

**CITIES CONCENTRATE  
DIVERSITY.**

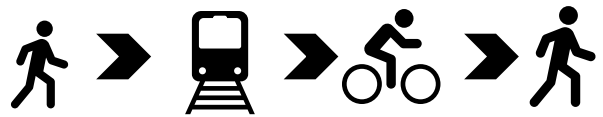
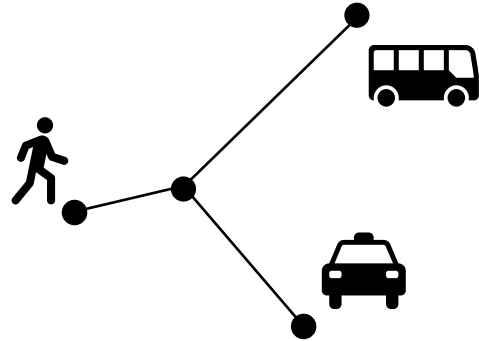
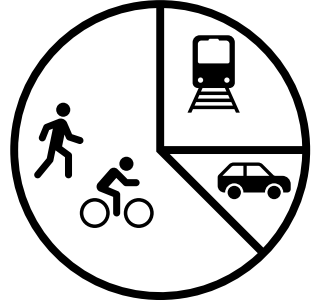
**MIXING TRANSPORT MODES  
REFLECTS DIVERSITY.**



What Mix?

fix that mix

# WHAT MIX ARE WE TALKING ABOUT?



Mix 01 - Overall  
**Modal Share**

Mix 02 – Individuals  
**Different Trips,  
Different Modes**

Mix 03 – Individual Trips  
**Same Trips,  
Different Modes**

# MIX OF COLLECTIVE AND INDIVIDUAL | SMALL AND LARGE

Collective



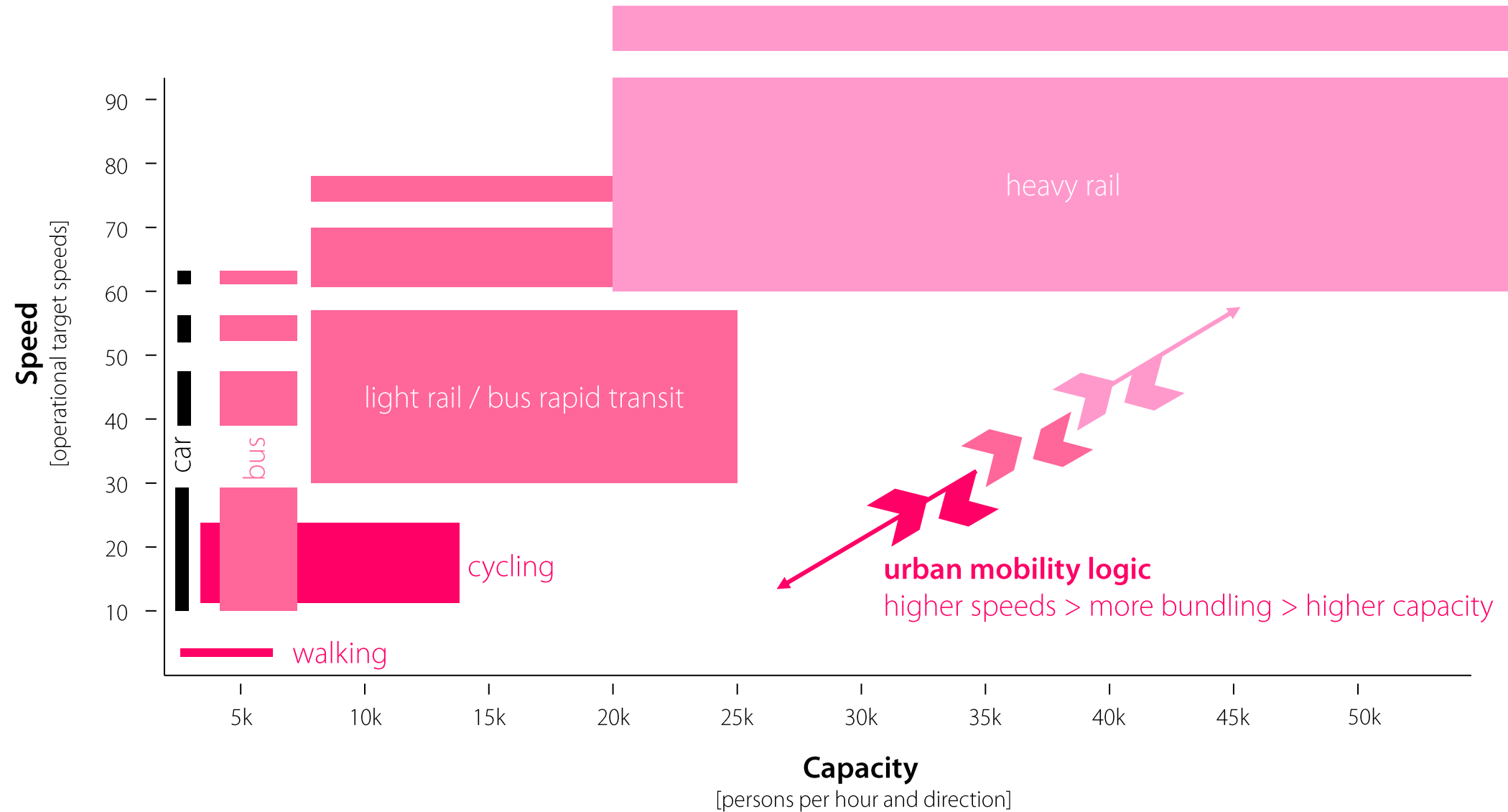
Individual



Bildquellen: Inmotion, Bergamont, Stellantis (Opel/Fiat), Volkswagen, Renault, Ford.

©Projekt Feinmobilität 2023

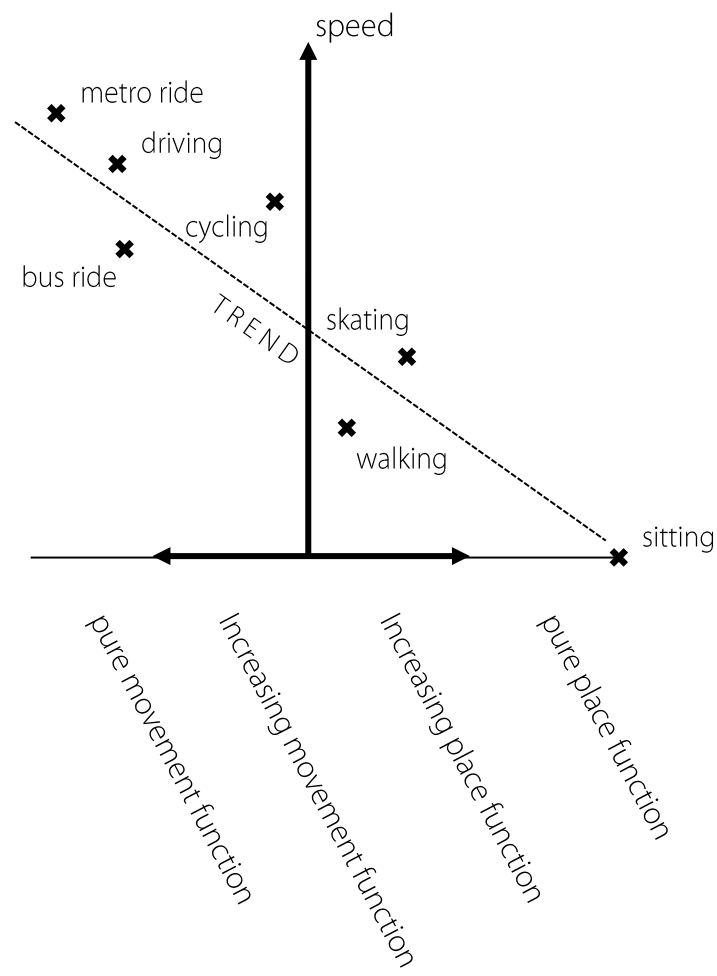
# MIX OF SPEED AND CAPACITY





# MIX OF MOVEMENT/PLACE FUNCTION

Source: Rode and Gipp 2001



## MOVEMENT FUNCTION

extrinsic tendency

### 1. fast

moving

Car  
Taxi  
Train  
Bus  
Motorcycle  
Motorscooter  
Bicycle

stationary

Car  
Motorcycle  
Motorscooter  
Bicycle

### 2. slow

Blades  
Kickboard  
Skateboard  
Walking  
Wheelchair

## PLACE FUNCTION

intrinsic tendency

### 1. dynamic

walking

Strolling  
Shopping  
Sightseeing

playing

Skating  
Kickboarding  
Skateboarding  
Cycling  
Local Playing

exercising

Skating  
Jogging  
Kickboarding  
Skateboarding  
Cycling

event participation

Parade  
Demonstration  
Dance

### 2. static

standing

leaning  
free

sitting on

Bench  
Chair  
Café  
Curb  
Ledge  
Beam  
Floor

laying on

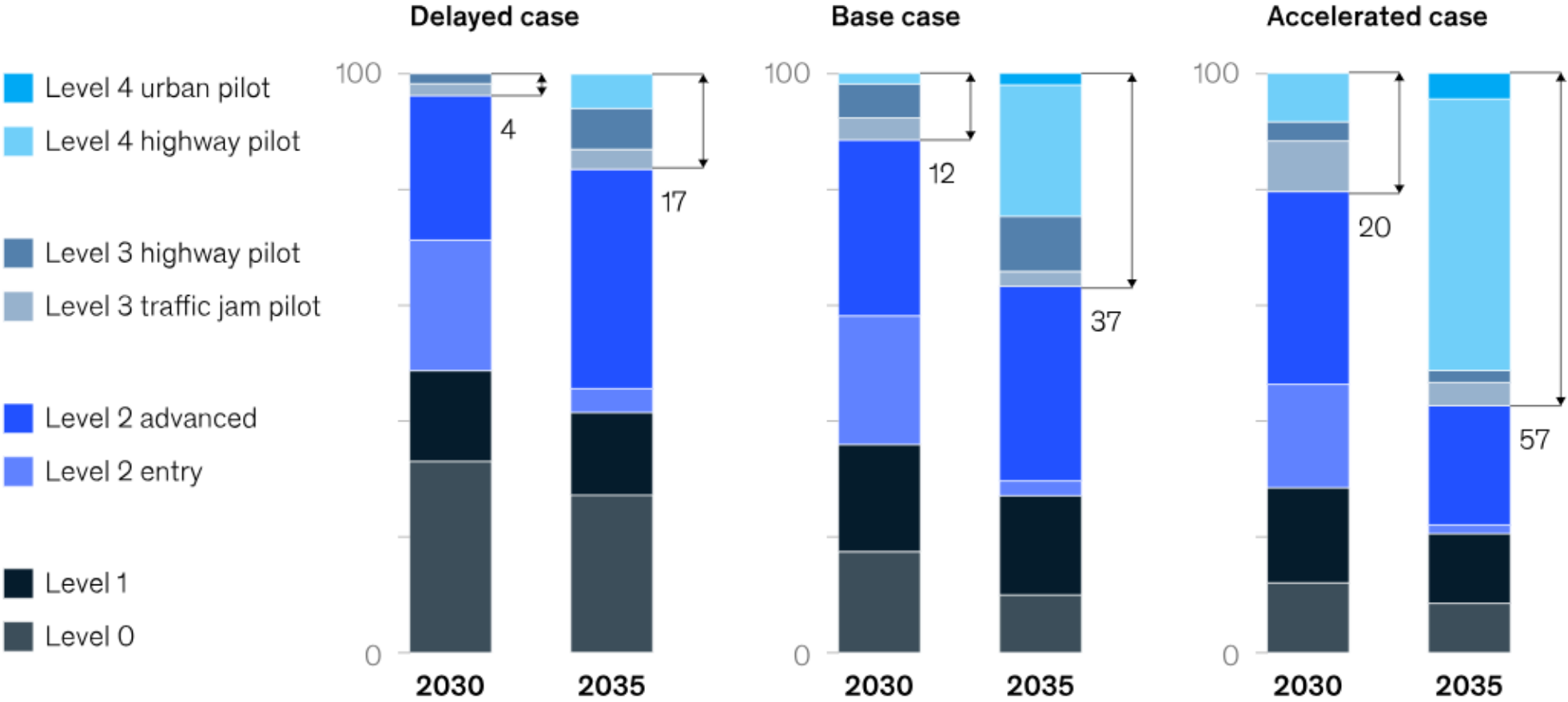
Floor  
Bench  
Lawn

displays in front of

Shops  
Restaurants

# MIX OF MANUAL AND AUTONOMOUS DRIVING

Scenarios for autonomous passenger car sales in 2030 and 2035, Source: McKinsey 2023



# MIX OF PHYSICAL AND VIRTUAL CONNECTIVITY

Source: Rode and Bhargava 2024

## ASYNCHRONOUS HYBRIDITY | TYPES A

**A1**



Low Frequency

The combination of related physical and virtual activities over a period of years

**A2**



Lower Frequency

The combination of related physical and virtual activities over a period of months

**A3**



Higher Frequency

The combination of related physical and virtual activities over a period of days

**A4**



High Frequency

The combination of related physical and virtual activities over a period of minutes

## SIMULTANEOUS HYBRIDITY | TYPES S

**S1**



Hybrid Connection of People

People are physically and virtually connected at the same time

**S2**



Hybrid Activity of People

Individual people are active in physical and virtual space at the same time

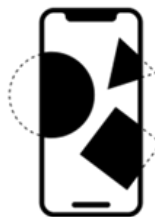
**S3**



Autonomous Systems in Physical Space

Autonomous systems operate in physical space shared with people

**S4**



Augmented Space

Physical and virtual environments are combined through digital devices

**S5**



Virtual Space

Virtual environments with limited connection to physical space

**PUBLIC TRANSPORT AND  
WALKING IS THE BACKBONE OF  
CITIES, URBAN TRANSPORT  
AND MOBILITY AS A SERVICE.**



# Where Mix?

fix that mix



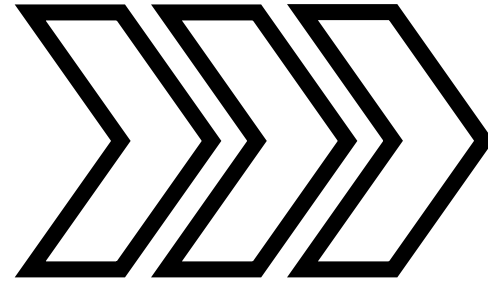
**FROM INNER CITIES TO URBANES LAND**

# ACCOMMODATING FLOWING MIX

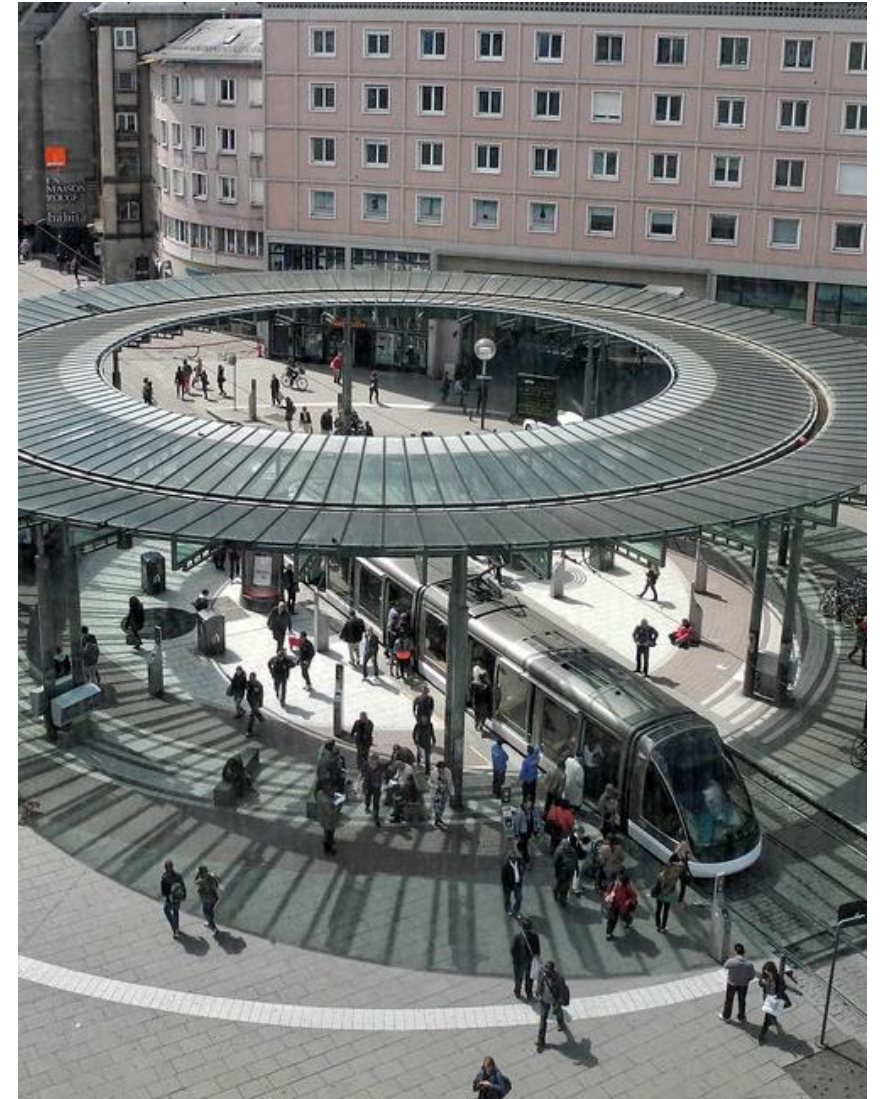


Harvey Wiley Corbett's 'City of the Future' 1913

Segregation

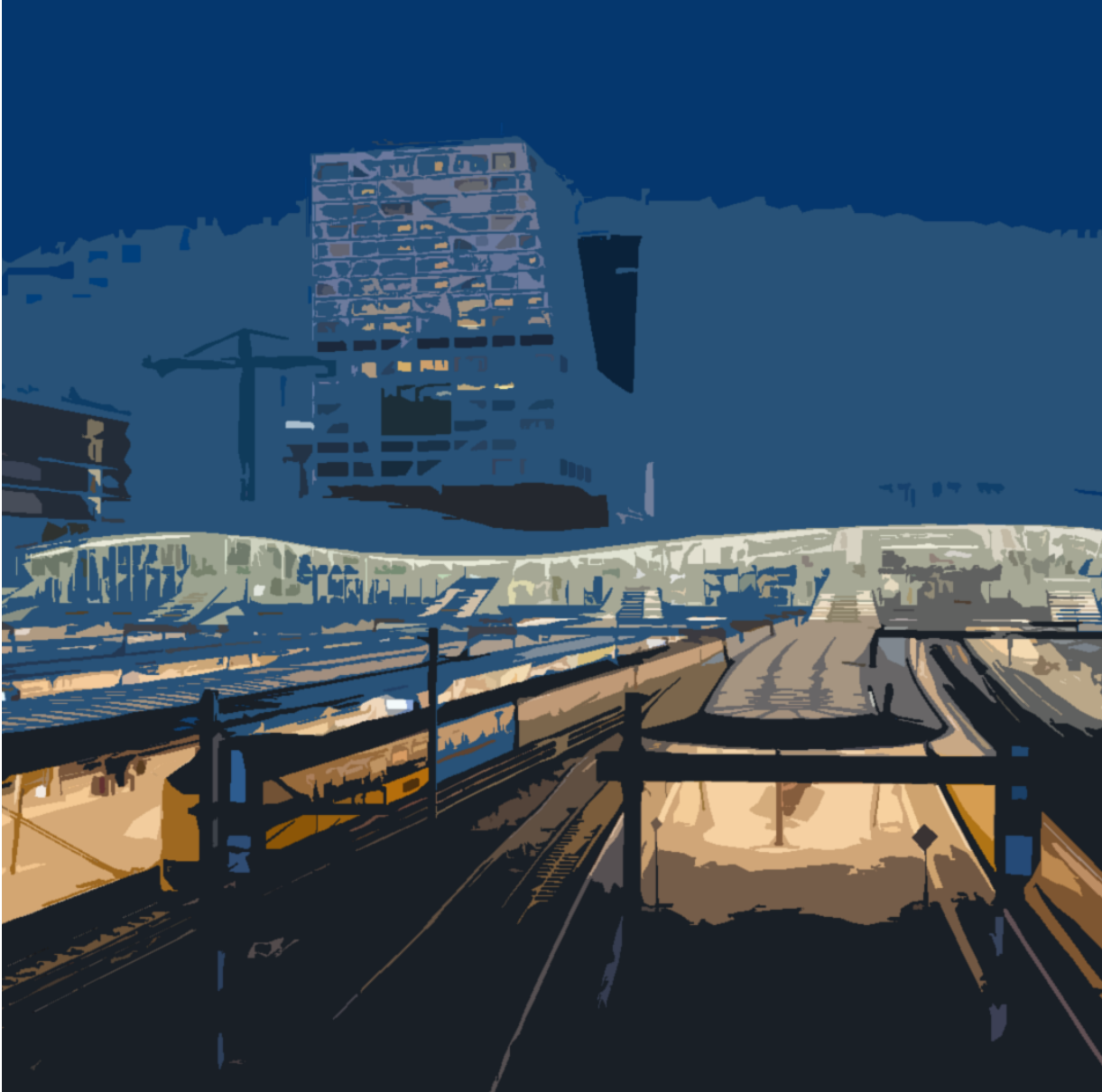


Mixity



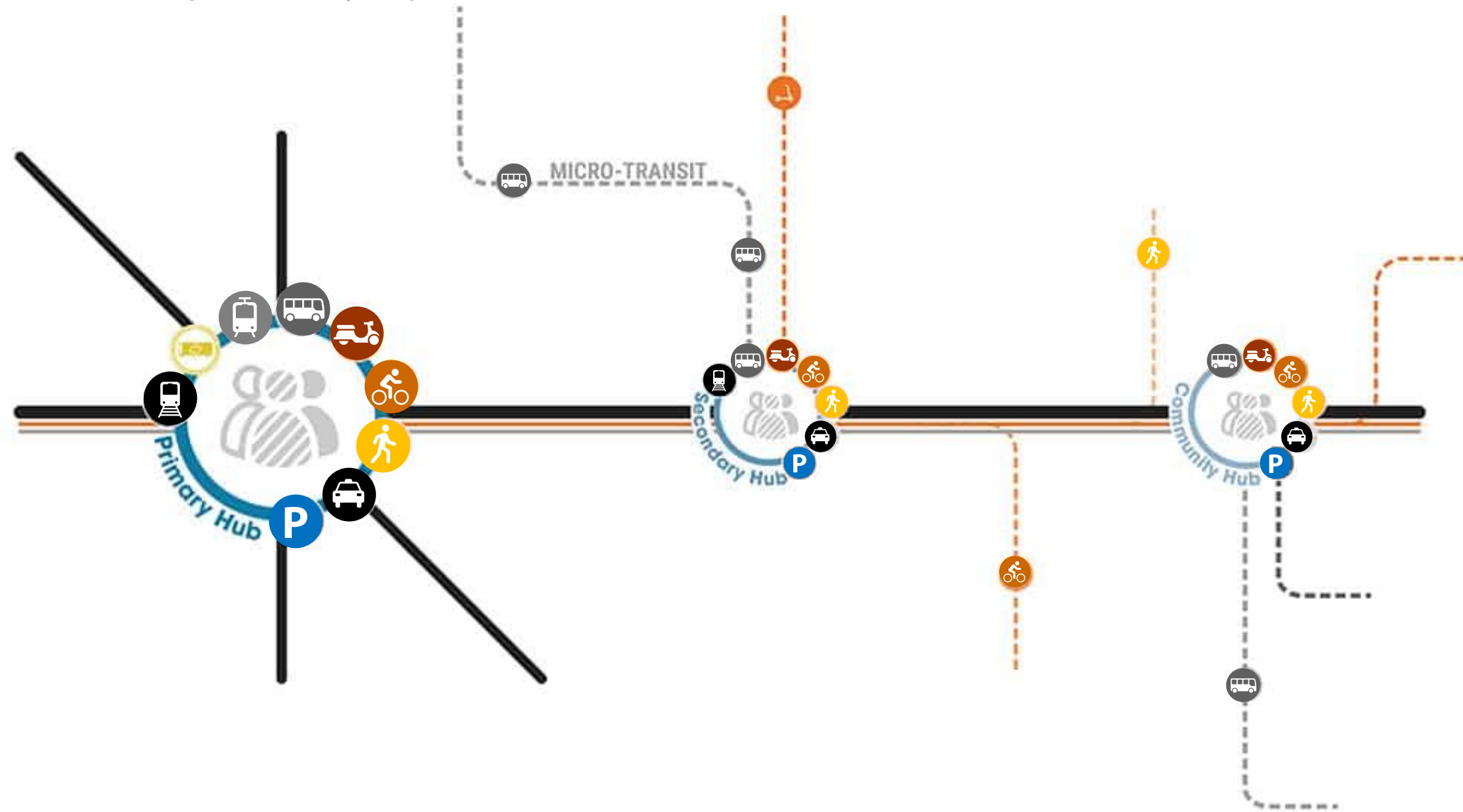
Strasbourg 2020s

# ACCOMMODATING MODE CHANGE



# HIERARCHY OF MOBILITY HUBS

Source: International Parking and Mobility Magazine 2023





# THE METROPOLITAN INTERCHANGE





How Mix?

fix that mix

# THE EXCEPTIONAL CASE OF CAR USE

- **Beyond transport utility:** status, culture, convenience, freedom, identity, etc.
- Significant **negative externalities**, particularly in cities
- **Space consumption** most difficult to address through technological adjustments without shift from ownership to sharing
- Increasing **competition for street space:** more people, more public space, more play, more green, etc.
- Risk of **polarisation:** told by others what to do, something being taken away, loss aversion, moralising, 'cargo bike trigger'

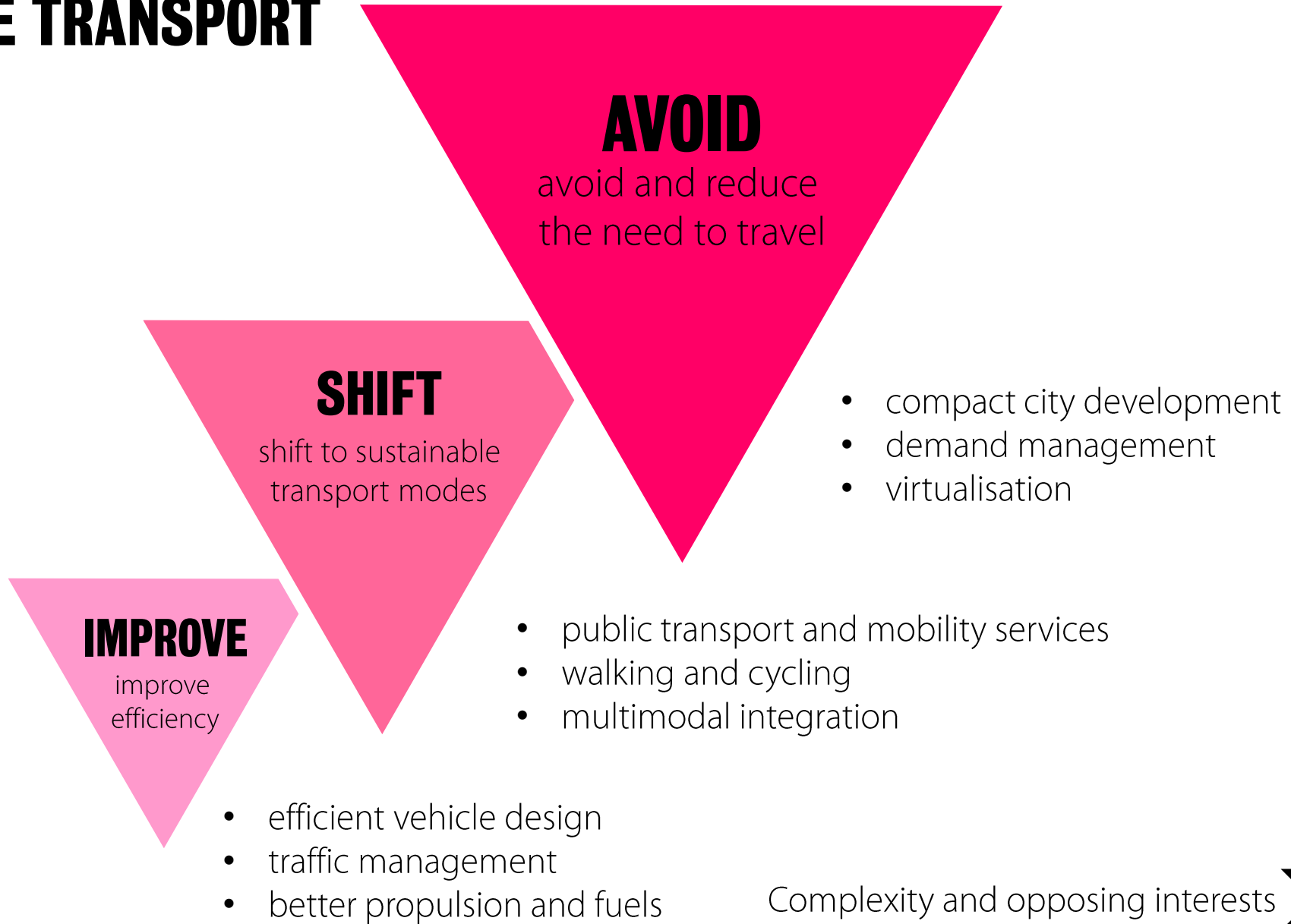
Capturing static space consumption of different transport modes. Hendrik van Viandenstraat, Amersfoort  
Source: Arne Haytsma / Fietzersbond (1978)



# SUSTAINABLE TRANSPORT



Sustainability



Complexity and opposing interests



# *He Wanted to Unclog Cities. Now He's 'Public Enemy No. 1.'*

Researchers like Carlos Moreno, the professor behind a popular urban planning concept, are struggling with conspiracy theories and death threats.



## NEWS

Home | InDepth | Israel-Gaza war | US election | Cost of Living | War in Ukraine | Climate | UK | World | Business

Politics | Parliaments | Brexit

# 15 minute cities: How they got caught in conspiracy theories

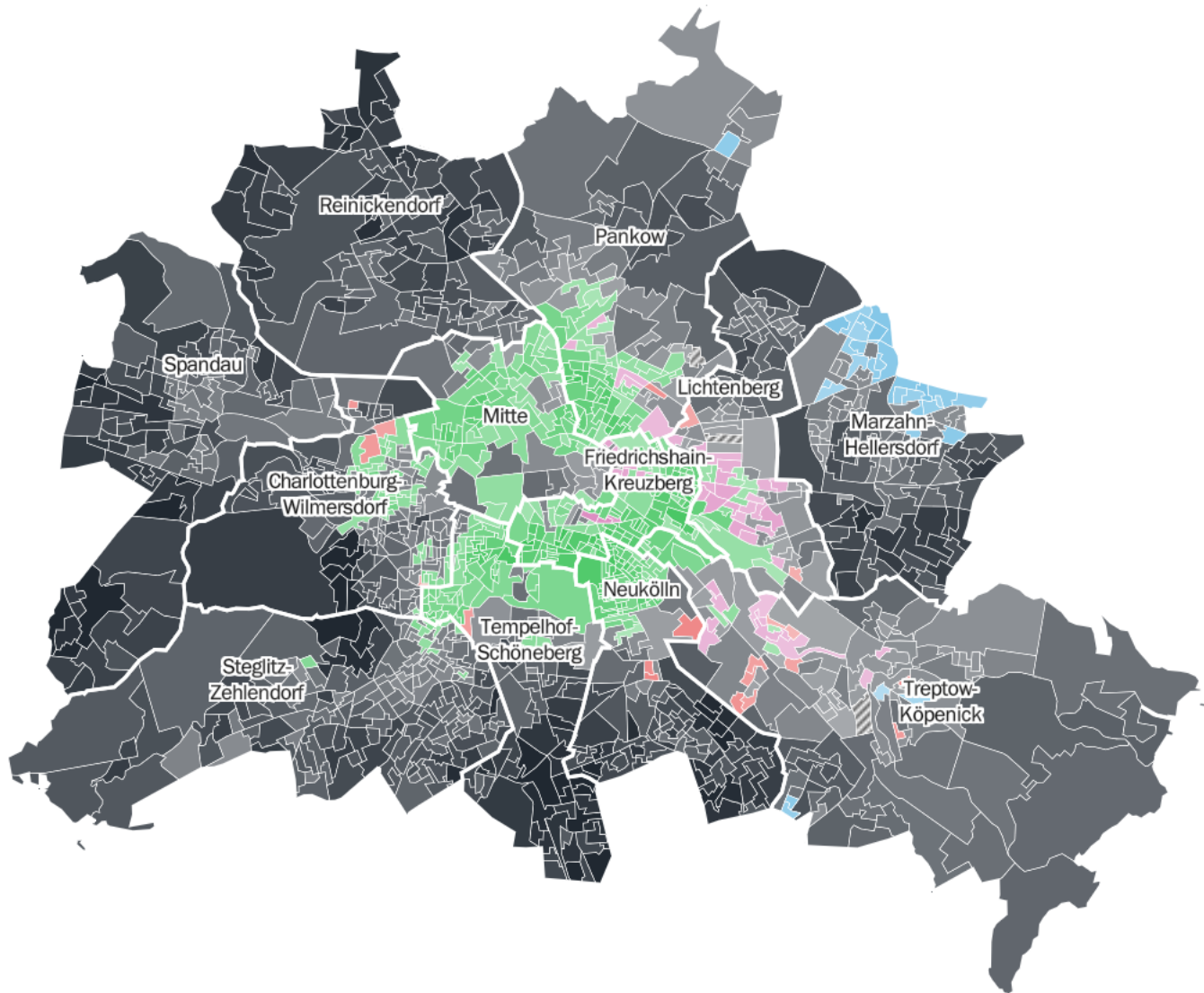
3 October 2023



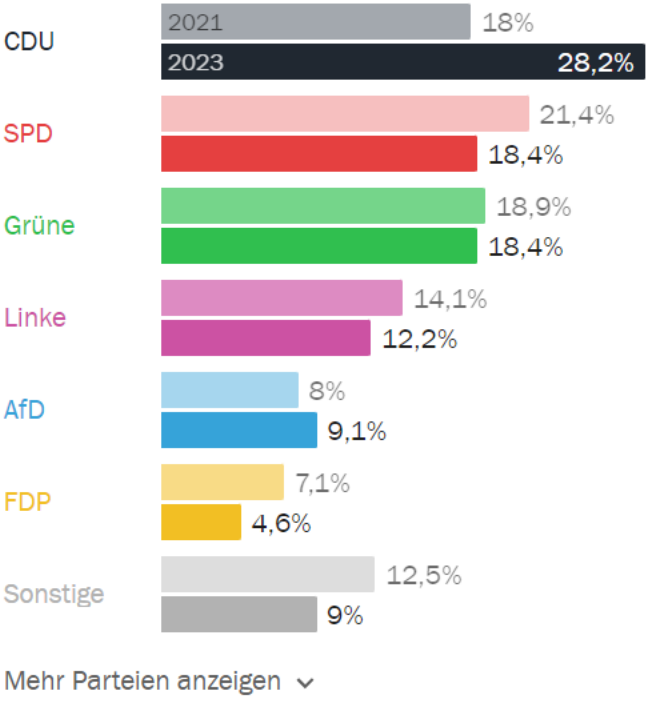
BBC Verify



# BERLIN ELECTIONS 2023



Mit Briefwahlstimmen  
Wahlberechtigte: 2.431.776, Wahlbeteiligung: 62,9%



**Wiederholungswahl 2023: CDU vorne, SPD mit deutlichen Verlusten** Mit 28,2 Prozent stand der Wahlsieger eindeutig fest: Die CDU

# MAYOR OF LONDON CANDIDATES

2 May 2024 Election



**ANP**  
Animal Welfare Party

“Coming to the UK as a refugee & Afghan refugee, I've been fighting against inequality and adversity all my life.

Forging a career in healthcare, I've always cared about creating a fairer and compassionate world. Now, with the urgency of the multiple crises facing us, I believe it's important to lead change.

It's time to act now, to stand against the climate, biodiversity and health emergencies, and the inequalities faced by many Londoners.

I know a fairer, livable future is possible if we come together and act now. Join me.

**“Femy”**

Q@FemyAmin  
f Animal Welfare Party  
a @animal\_welfare\_party\_uk

**London Act Now**

**Vote Femy Amin for Mayor to:**

- Fight for a **livable planet** - prioritising the climate & biodiversity crises in all decision-making
- Save NHS funds, improve human & planet health by promoting & supporting plant-based lifestyles
- Incentivise public & active transport, improving reliability, safety & affordability
- Enhance protection for the **billions of animals** in the capital, establishing an Animal Welfare Committee within the London Assembly
- Lead on creating **homes** for all that are affordable & sustainable
- Make our capital a global leader in **opposing speciesism** - where wildlife is valued & managed non-lethally, developments in animal-free testing are championed & the sale of foie gras & fur is rejected
- Dedicate urgently needed **space for nature** & ensure pesticide & herbicide use becomes a thing of the past

QR code: [animalwelfareparty.org/la2024](https://animalwelfareparty.org/la2024)

**Vote for Femy Amin in the Election for Mayor of London**

Prepared by Vanessa Hudson acting as agent on behalf of Femy Amin of Animal Welfare Party, 71-75 Shelton Street, London, WC2H 9JQ

**RIGHT HOMES, RIGHT PRICE**

Everyone has a right to a safe home that's affordable to rent and heat. London is beyond a housing crisis. And not quickly whilst taking more action on damp and mould.

**CUTTING DAILY LIVING COSTS**

Nobody should have to worry about the cost of living, or be priced out of London.

**A SAFER CITY**

We need a police service we can trust to keep us safe. We need police reform now.

**I'll protect services for small businesses**

I'll immediately form a Rent Commission to get a better deal for renters and bring down rents. And I'll focus on buying up a supply of homes for social rent, housing more Londoners securely and quickly whilst taking more action on damp and mould.

**I'll make transport affordable for all, working towards one city-wide, low fare for public transport.** I will bring in free school meals for secondary school students. I will be on the side of workers and small businesses.

**I love London, and want our city to work for everyone, no matter who you are and where you live.**

**This next term of the Mayor is critical to addressing the climate emergency - we must act now and I know what needs to be done.**

**Green Party**

Connect on X @ZoeGarbett

Prepared by Danny Keeling acting as agent on behalf of Zoe Garbett of 81 John Barnes Walk, E15 4SY

**MAKE LONDON STRONG**

**ANDREAS MICHLI FOR MAYOR OF LONDON**

**DEPLOY OPERATION BRENNAN TO END KNIFE CRIME.**

**ENACT RADICAL REFORMS TO FIX OUR BROKEN POLICE FORCE.**

**EMPOWER LONDONERS TO TAKE CONTROL OF THEIR HEALTH.**

**ABOLISH ULEZ AND GET A HANDLE ON TFL'S FINANCES.**

**HOMES: BUILD STRONG, BUILD PLENTY, BUILD BEAUTIFUL.**

**REDUCE CITY HALL'S SHARE OF COUNCIL TAX.**

**COMBAT AIR POLLUTION WITHOUT PENALISING THE PUBLIC.**

**@AndreasForMayor**  
**www.michli.co.uk**

Prepared by Charlie Downes acting as agent on behalf of Andreas Michli of Unit A, Cypress House, 2 Colville Road, London N22 6U

**Stand Up To Woke**

**Amy Gallagher**

**SDP Social Democratic Party**

**STAND UP TO WOK**

Don't divide us! All Woke and DEI programmes will be stopped. I will serve all Londoners equally with a colourblind policy agenda, will be judged on their character not skin colour. I will protect religious freedoms, women's case based rights and gay rights. No more identity politics. Our spaces should be for everyone.

**MAKE CRIMINALS SCARED AGAIN**

We need proper policing - a zero tolerance approach to both knife crime and gang violence and increased stop and search powers. I will police the police. I will bring conviction to the police. I will ensure that the police are held accountable for their actions and will police with law and order. We will police with strength and fairness - treating all equally without bias, privilege or favour.

**STOP ULEZ, START 24 HR TRAVEL**

Travel freely! Make public transport pleasant, safe and reliable. I will build reliable, regular and safe public transport. I will end the ULEZ and the congestion charge. I will be police the London transport system and stop waste messing. I will crack down on anti-social behaviour on buses, trains and buses.

**BUILD HOMES, BUILD BEAUTIFUL**

Increase housing, reduce rents! Our London Plan will create smart, green, beds, schools, parks, 24-hour city. I will build infrastructure, beautiful architecture, and economic regeneration. I will ensure the challenges of mass immigration are handled. I will put London workers and citizens first, not the other way round.

**SDP Social Democratic Party**

Prepared by Leslie Beaumont acting as agent on behalf of Amy Gallagher, 124 City Road, London, EC1Y 2DQ

**London needs Reform!**

- ✓ SCRAP ALL OF ULEZ**  
I will scrap all ULEZ charges throughout the whole of London and remove the cameras.
- ✓ REFUND ULEZ FEES & FINES**  
I will refund all expansion fees and fines received since 28th August 2023.
- ✓ REMOVE LTN & 20MPH ZONES**  
I will remove LTN, 20 mph zones, needless road restrictions, pinch points, floating bus stops and excessively wide cycle lanes.
- ✓ TRIPLE BOBBIES ON THE BEAT**  
I will make London's streets and public transport - especially the Underground - safer.
- ✓ TRIPLE AFFORDABLE HOUSING**  
I will triple affordable housing builds, particularly on GLA and TfL owned land.
- ✓ PROTECT LONDON'S HERITAGE**  
I will defend our shared history, culture and values, and commission a significant memorial to Queen Elizabeth II.

**REFORM COX 4 LONDON**

**HOWARD COX FOR MAYOR OF LONDON**

As the founder of the FairFuelUK campaign, I am the only Mayoral candidate with a proven track record of making a difference to your lives by helping to reduce your cost of living.

Since 2011, every driver, business and charity has benefited from paying thousands of pounds less to fill up their motorbikes, cars, vans and trucks - all because of my campaign against fuel duty increases.

No other Mayoral candidate has an equivalent record in successful campaigning, or my detailed knowledge of road user transport - both essential to get London moving again.

I want our city back. I will be strong on crime and take a zero tolerance approach to violent offenders. I will always listen to you, and from one day I will scrap all policies that do not benefit the majority of Londoners.

**www.COX4LONDON.UK**

Prepared by Alex Wilson acting as agent on behalf of Howard Cox of 83 Victoria Street, London SW1H 0HW

**Vote for Natalie Campbell to be your next Mayor of London**

**Independent Co-CEO of Belsu.org University Chancellor**

**58% of Londoners didn't vote in 2023.** If 1.5 million of us vote for change and a better London then I'll be your next Mayor of London.

**What will your vote deliver for London?**

- Good Homes & Happy Neighbourhoods
- Safe Streets & Local Police
- Well Communities & Better Lives

**Why vote for me?**

I will be free from party politics and solely focused on making real changes - with you and for YOU...

- as a **Londoner** who wants to **fall in love with London** again
- as a **CEO** who knows how to **fix tough problems**
- as a **Social Entrepreneur** who believes in the **power of community**

**Check out my full video manifesto here:**  
QR code: [www.teamcampbell.london](https://www.teamcampbell.london)

**My promise to every Londoner.**

**Good Homes.**  
You will see 60,000 affordable homes being built, not just to buy but also to rent. As part of my commitment to making sure everyone has a good home, I am determined to end youth homelessness in London in my first four years. Homelessness is a political choice.

**Safe Streets.**  
You will know the name of your local Police Officers because they will be back on your high streets in 320 new neighbourhood centres that also have community support services co-located on site. Let's use our empty shops to make every street feel safe.

**Better Lives.**  
You will feel the buzz of London again. I will fiercely back freelancers and entrepreneurs and ensure that every young person has a high-quality job that meets their ambition. London will be a world leader in environmental stewardship and have a transport system that is affordable and equitable (north, south, east and west).

**As an Independent Mayor I will take a zero B.S. approach to rebuilding London.** I will be honest about the trade-offs and tell you where every penny of the budget is being spent. I will work with you, not against you.

**Nat.** Your Next Mayor of London

Prepared by Natalie Campbell of 16 Churchill Road, Willesden, London, NW2 5EA as agent

**ROB BLACKIE**

**Liberal Democrat Candidate for Mayor of London**

**Dear neighbour,**

Too many Londoners feel unsafe when they walk our city's streets. I know why.

One night I was attacked while walking home from work. My neck was broken, and I was lucky to live.

Today, my neck is fixed with titanium, thanks to the brilliance of our NHS.

**But I was lucky. Too many Londoners aren't.**

Last year a police officer said Baroness Casey's enquiry into the Metropolitan Police that decision rates for sexual offences and rape had fallen so low that 'it may as well be legal in London.

This is unacceptable.

As Mayor I will get the Met focused on convicting violent offenders and rapists, instead of wasting time on stopping and searching young people for cannabis.

**With your support this May, we can fix the Met.**

**Rob Blackie**

Prepared by M.J. McLaren on behalf of Rob Blackie (Liberal Democrats) both of 1 Vincent Square, London SW1P 3PN

**TARUN GHULATI**

**Independent Candidate for Mayor of London**

**Strengthening London's Communities**

- Implement a Community Cohesion Strategy
- Create effective Borough Led North Councils
- Mayor of London Volunteering Fund
- Forest Sports and Culture across Boroughs and Communities
- Transform London: Clean Energy, Green Infrastructure, Waste Reduction
- Mayoral Statement of Community Involvement

**Levelling Up for Londoners**

- Deliver sufficient Affordable Homes
- Review to minimise Council Tax
- Ensure Free School Meals
- Unlink Employment Opportunities
- Scale-up Regeneration, Energy and Infrastructure Schemes
- Elevate well-being and enhance living standards

**Empowering Growth Through Trust**  
Bring Back the Smile for all Londoners

**Politics have blurred the vision for London**

- Urgently Create Dedicated Units to Tackle Crime
- Focus on Crime against All Generations, particularly Women
- Re-open Police Stations
- More Police Reform: compensation to affected Talent

**Championing London - Time for Change**

- Borough Level Action to handle inequality and develop skills
- Position London as the top Investment Destination and Skills Hub
- Posterior Growth for Startups, Scaleups and SMEs
- Increase focus on Tourism
- Boost London's Appeal for Students

**Find us online: [www.britainfirst.org](https://www.britainfirst.org)**

Prepared by Tarun Ghulati of 11103, Cranbrook Road, West Essex, Essex, S10 4PP as agent

**Vote for a fairer, safer, greener London for everyone**

**Free school meals and TfL fares frozen**  
Supporting Londoners through the cost-of-living crisis

**Fixing the housing crisis**  
40,000 new council homes, rent control homes and an end to rough sleeping by 2030

**Tough on crime and the causes of crime**  
1,300 police officers and PCSOs and more investment in youth clubs

**A greener future**  
Tackling air pollution and the climate crisis

**Standing up for London**  
Defending our diversity and uniting our communities

**Sadiq**

**Vote Labour, vote Sadiq.**

Prepared by Pearlyan Sangha acting as election agent on behalf of Sadiq Khan of 57-59 Great Suffolk Street, London SE1 0BB

**SUSAN HALL**

**It's time London had a Mayor who actually listens.**

London was once a great place to live. But for too many people, it's started to become unaffordable.

Too many parents, be it never at night, worried that their children won't sleep.

Too many drivers are struggling to make ends meet, because of new driving charges imposed at the worst possible time.

Too many young people who are trying to choose between staying a family and leaving the city they call home. That's why we'll prioritise building affordable family homes rather than blocks of one & two bedroom flats.

Only for listening to the concerns of ordinary Londoners can we really turn things around, and make London the great city it can be.

So vote for a Mayor of London who actually listens to Londoners. Vote for Susan Hall on 2nd May.

Let's listen to the Londoners struggling to make ends meet because of new driving charges. This is why we'll scrap ULEZ suspension on dry days.

I am listening to the Londoners who want more local community policing. That's why we'll bring back borough-led policing.

I am listening to the Londoners forced to choose between staying a family and leaving the city they call home. That's why we'll prioritise building affordable family homes rather than blocks of one & two bedroom flats.

Only for listening to the concerns of ordinary Londoners can we really turn things around, and make London the great city it can be.

So vote for a Mayor of London who actually listens to Londoners. Vote for Susan Hall on 2nd May.

**Conservatives**

Prepared by Ian Sanderson acting as Election Agent on behalf of Susan Hall of 4 Matthew Parker Street SW1H 9HQ

**NICK SCANLON**

**BRITAIN FIRST**

**A MESSAGE FROM BRITAIN FIRST MAYOR CANDIDATE NICK SCANLON**

Dear voter, London is fast becoming a Third World cesspool, where crime is rampant and radical Islamist extremists dominate the streets. Homelessness has increased, along with food bank usage, but spending on welfare nonsense has exploded! The reality is we are running out of time to save and restore our beloved capital city!

What once was a safe and cohesive city has been transformed into a crime ridden, unrecognisable disaster zone. If you want change, vote for it. On Thursday, 2 May, Vote Britain First. No to immigration!

Nick Scanlon  
Candidate, Mayor of London

**Abolish ULEZ and C Charge**

**Eradicate knife crime**

**Put local people first**

**Housing for local families**

**Protect our monuments**

**Deport illegal immigrants**

**House homeless veterans**

**Close down migrant hotels**

**Reject corrupt politicians**

**Stop mass immigration**

**De-politicise the Met**

**Find us online: [www.britainfirst.org](https://www.britainfirst.org)**

Prepared by Nick Scanlon of 100, 80 High Street, Sidcup DA14 6ZV as agent

# FROM STRATEGY TO TACTICS

Source: based on Davis et al 2018

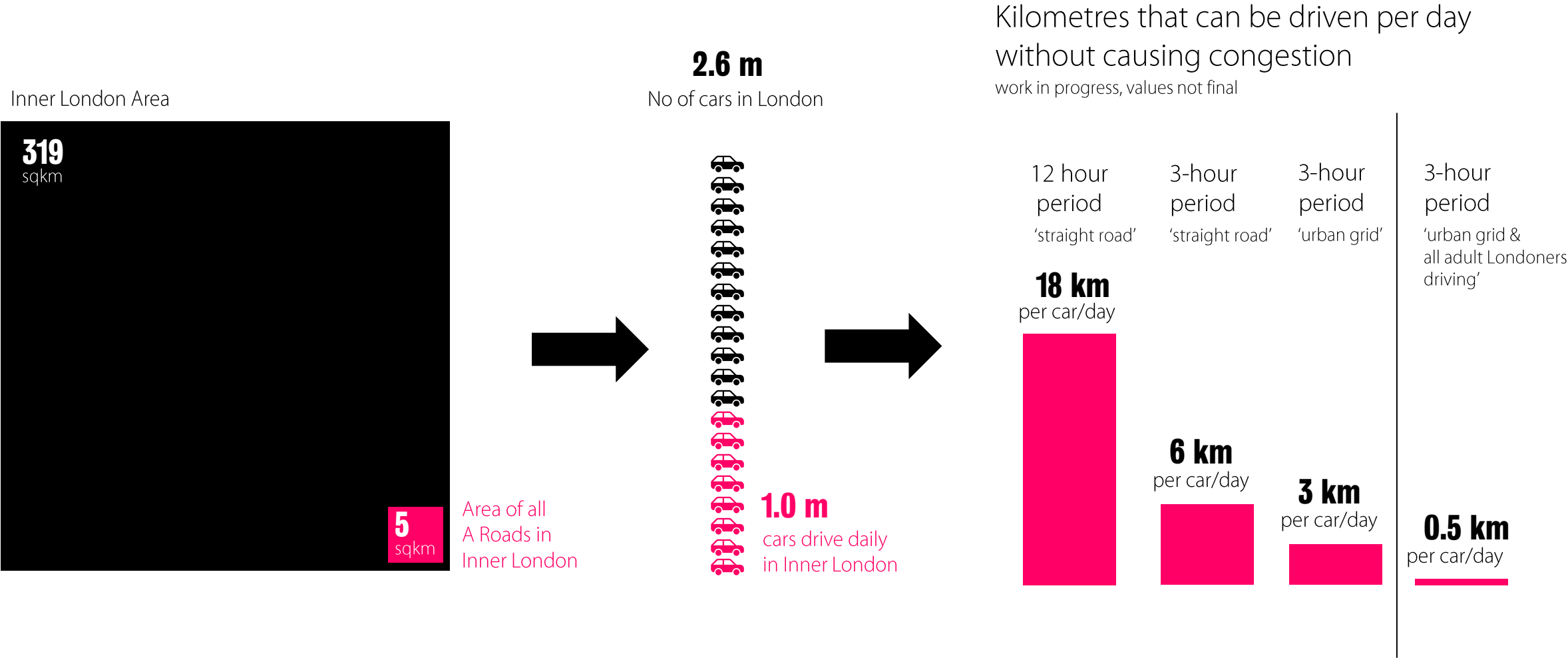
## Six Bridges

1. Know and activate stakeholders
2. Address barriers proactively
3. Communicate effectively
4. Get the timing right
5. Integrate technical expertise
6. Show what change looks like






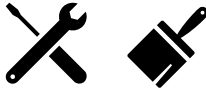







# CAR USE BUDGETING | ROAD SPACE AVAILABILITY IN INNER LONDON

Source: Rode et al 2024 / MyFairShare Project



# CITIZEN JURY | AGREEMENT ON FAIR SHARE OF CAR USE REDUCTION

Source: Rode et al 2024 / MyFairShare Project

Group of Londoners			Fair reduction of driving by day (from an average of 18 km)
1		Disabled people, care workers	No change required
2		Key workers, elderly, low-income people	 Small reduction of less than 1km (< 5% reduction)
3		Trade workers/people	 Lower reduction of 3 to 4 km (16-22% reduction)
4		Taxi drivers/passengers	 Medium reduction of ca 5 km (30% reduction)
5		Young people, school-run drivers, affluent key workers	 Higher reduction of 5 to 7 km (30-40% reduction)
6		Wealthy residents, people with excellent public transport links for their journeys	 Highest reduction above 8km (> 45% reduction)

# 01 – REALIGNING POLICY & BUDGETS

- Remove incentives and subsidies of carbon and space-intense mobility in cities
- Provide credible mobility alternatives, including denser, inter-connected and safe public transport networks

## Policy priorities

- national transport budgets to enable shift to sustainable transport modes
- effective road pricing and parking fees considering size, weight and emission standards of vehicles
- land value capture to finance new transport infrastructure

## Flagship policy interventions

Survey of 77 transport experts from 26 countries

Source: Rode, Heeckt, da Cruz 2019





## 02 – HYPER-LOCALISATION

- leveraging the potential of local loops and proximity, while mitigating the downsides in terms of spatial segregation and inequality
- (re)build cities around 15 min neighbourhoods with local amenities and basic services, rather than relying on excessive mobility

### Policy priorities

- inclusive zoning policies that promote affordable infill housing, mixed-use development and enable the flexible use of individual buildings
- accessibility metrics for urban development replacing traditional 'predict and provide' transport metrics

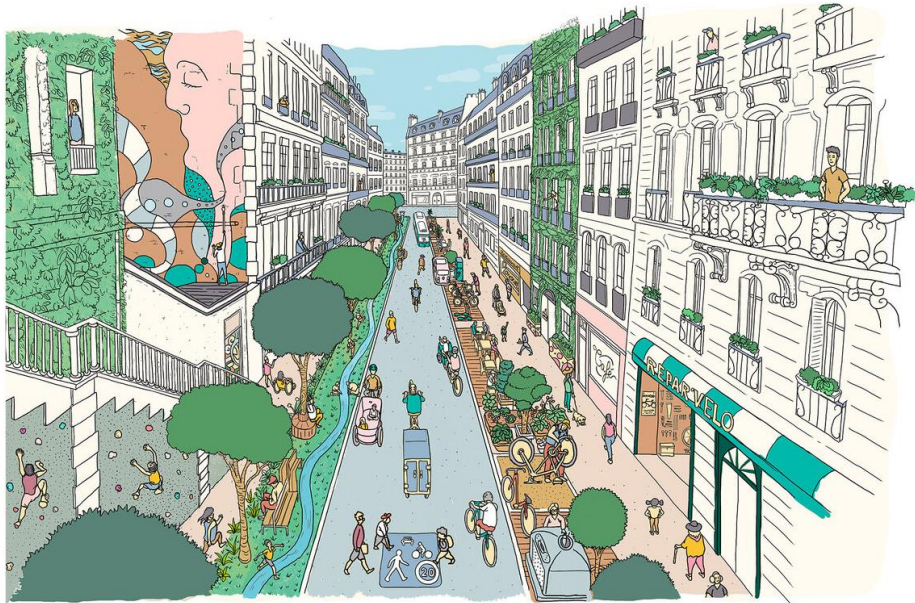
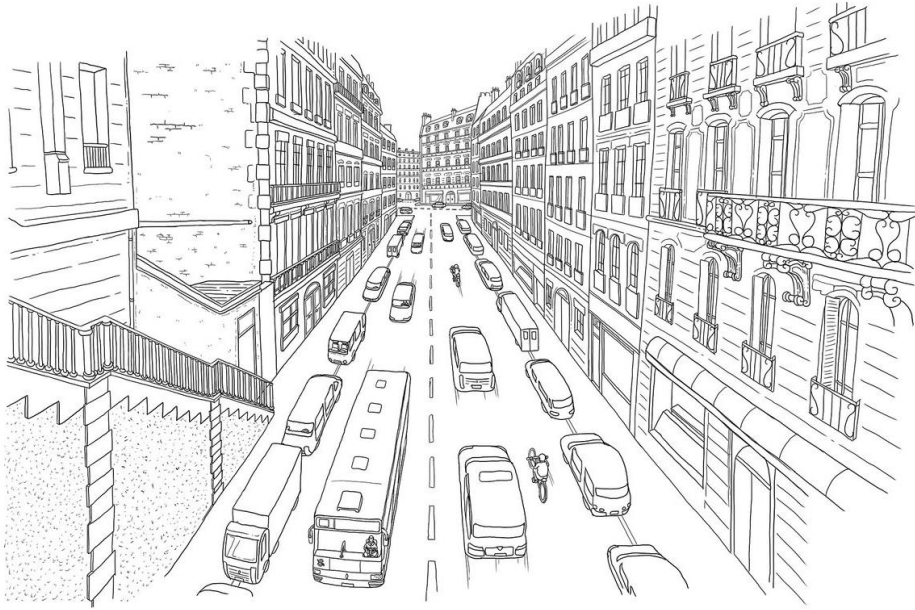
## 03 – NEW URBAN MOBILITY

- micro mobility, particularly shared e-bikes and e-scooters, enabling first and last mile connectivity
- sharing and hailing of other vehicles, with app-based shared mobility services that provide on-demand, point-to-point mobility in cities

### Policy priorities

- multi-modal mobility apps enabling access new mobility and public transport services
- invest in the development of shared micro mobility
- setting-up metropolitan transport authorities that can facilitate integration of all urban modes





## 04 – REALLOCATE STREET SPACE

- Enable slow, safe and shared transport alongside the place functions of streets as high quality public realm and green infrastructure
- Recognise key window of opportunity to make recent physical and behavioural changes permanent

### Policy priorities

- granting local governments the power to enforce low-traffic streets
- updating highway codes to ensure hierarchy of road users that prioritises most vulnerable and non-motorised modes
- remove car parking requirements to allow conversion to other uses such as wider sidewalks, parklets or additional outdoor seating

# 05 – FINANCING PUBLIC TRANSPORT

- Investing in and supporting public transport yields immense social, economic and environmental returns when part of integrated urban accessibility strategies

## Policy priorities

- reallocating new transport infrastructure investments to maintaining/improving existing assets and services
- reinvesting the proceeds from fees, pricing and taxation related to car use into public transport
- establish dedicated bus lanes and other transit priority strategies and reform the fare systems to ensure greater modal integration and cost savings





## 06 – DIGITAL CONNECTIVITY

- government need to treat digital connectivity as an integrated component of urban accessibility policy
- positioning equitable virtualisation requirements and opportunities on par with physical transport infrastructure

### Policy priorities

- incorporation of digital connectivity requirements as part of urban planning and building regulations
- incentives to bridge the digital divide across people, places and firms
- direct investments in and delivery of digital connectivity through the public sector and enabling new finance such as universal service funds

## 07 – URBAN LOGISTICS

- renewed approach to urban logistics to consolidate and integrate freight and deliveries with planning and land use
- last mile of goods delivery requires particular attention as it poses the greatest local challenges for the environment and liveability

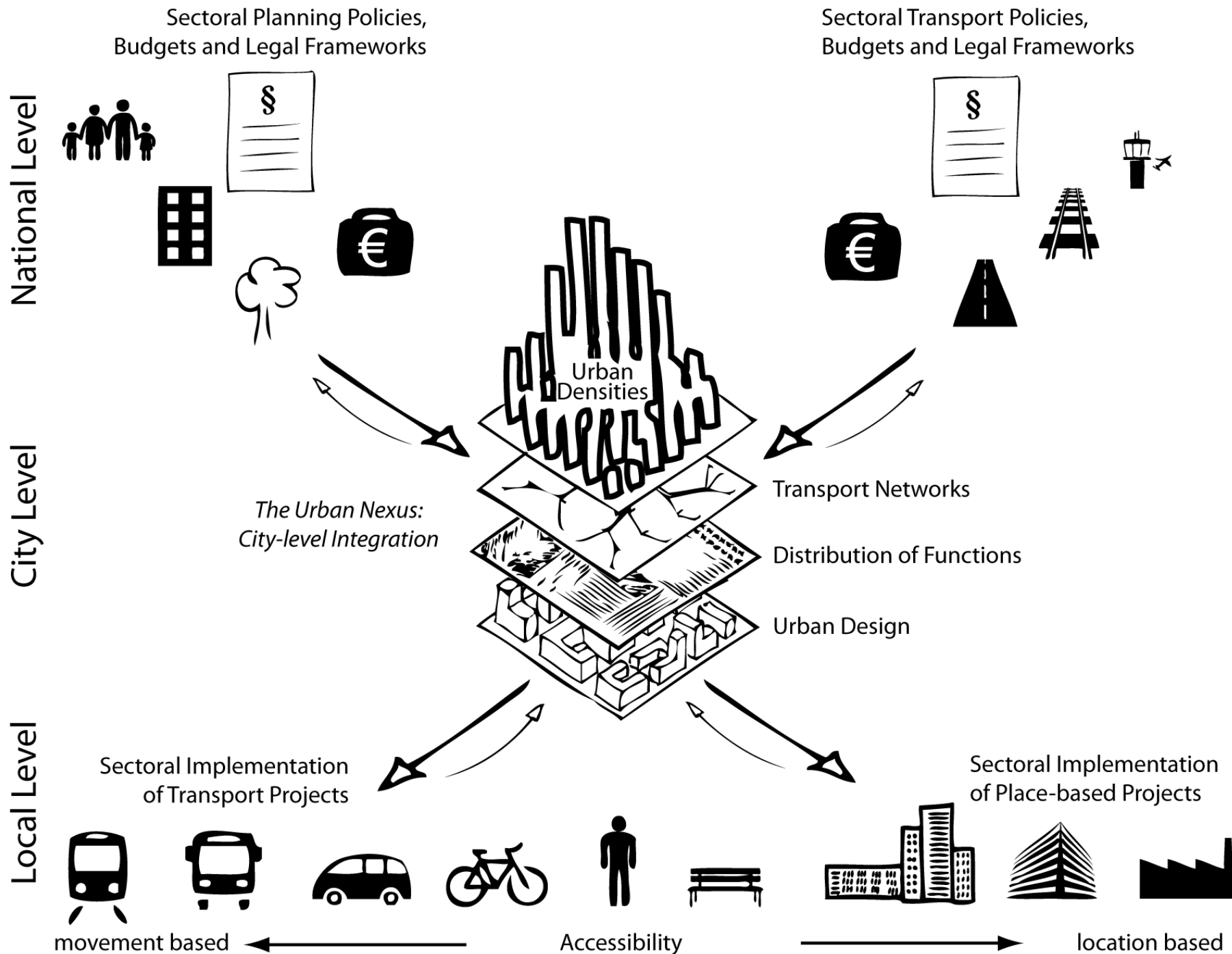
### Policy priorities

- investing in urban consolidation centres
- a model shift towards environmentally friendly modes
- designated freight delivery zones, parcel collection and drop-off points



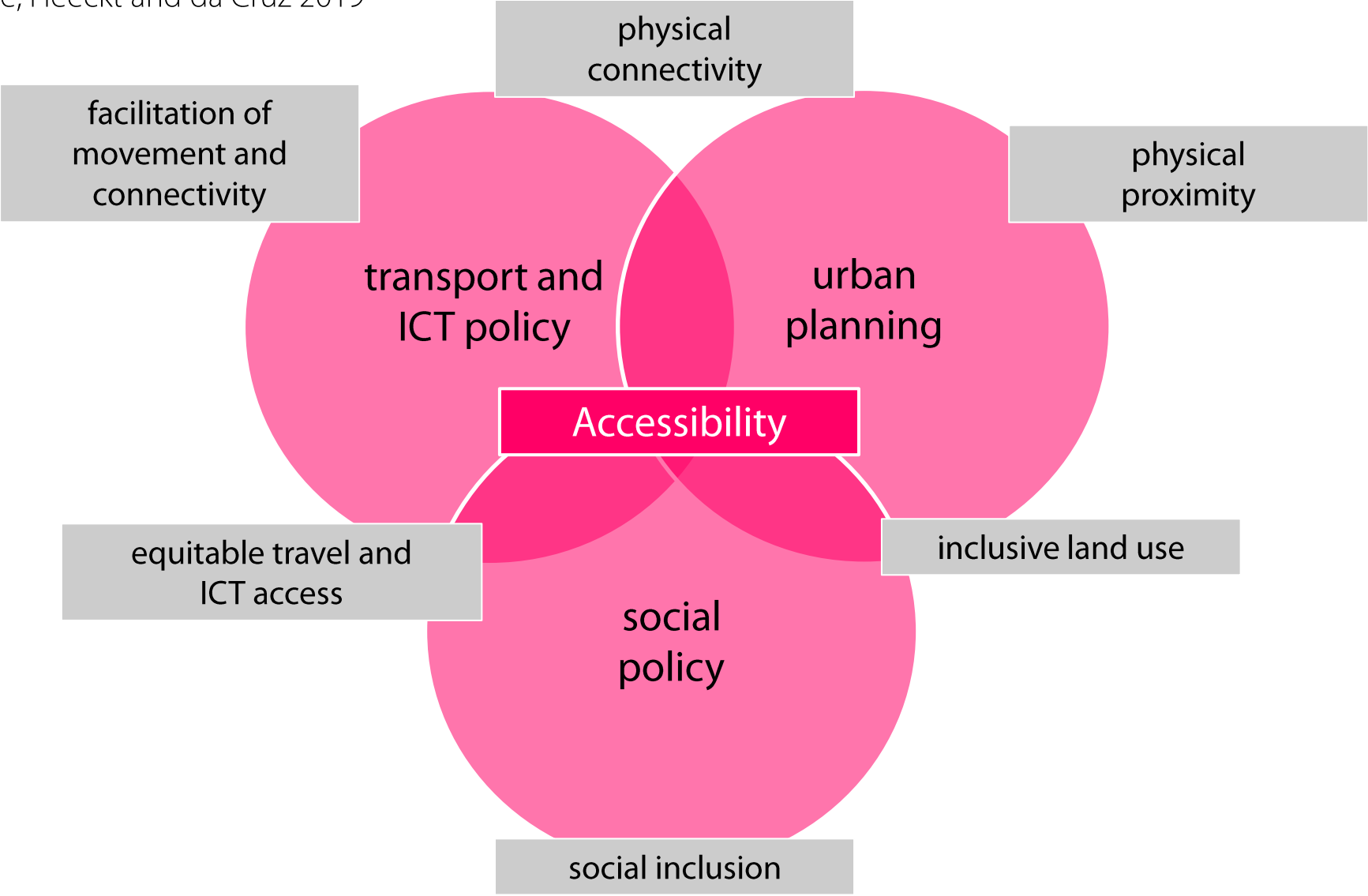
# THE INTEGRATIVE POWER OF CITIES

Source: Rode 2018



# THE URBAN ACCESSIBILITY NEXUS

Source: based on Rode, Heeckt and da Cruz 2019



**/// MIXING IS URBAN**

**/// ACCESS IS PUBLIC GOOD**

**/// STRONG INSTITUTIONS**

