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Spatial Policy and Analysis Laboratory

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Tackling the Root causes Upstream of Unhealthy Urban Development (TRUUD)

Professor Cecilia Wong

Director of Spatial Policy & Analysis Lab

Manchester Urban Institute

The University of Manchester

The project

- to work with decision makers and communities to prioritise health in urban decision-making processes with a focus on how non-communicable diseases (NCDs) can be prevented by changing the way that urban development decisions are made
- focusing on new housing and transport systems in the case study aeas of Bristol and Greater Manchester respectively
- 5 year project with 4 universities
- Phase 1: Understanding the urban decision-making system; Phase 2: Developing and trialling the intervention; Phase 3: Refining the intervention; and Phase 4: Disseminating findings

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Manchester Team

Professor Cecilia Wong
Professor of Spatial Planning (0.05 FTE)

Professor Alan Harding
Chief Economic Adviser, GMCA
Visiting Professor, UoM (0 FTE – in-kind contribution)

Professor Arpana Verma
Clinical Professor of Public Health & Epidemiology (0.05 FTE)

Dr Caglar Koksal
Research Associate & Lecturer in Planning (0.4 FTE)

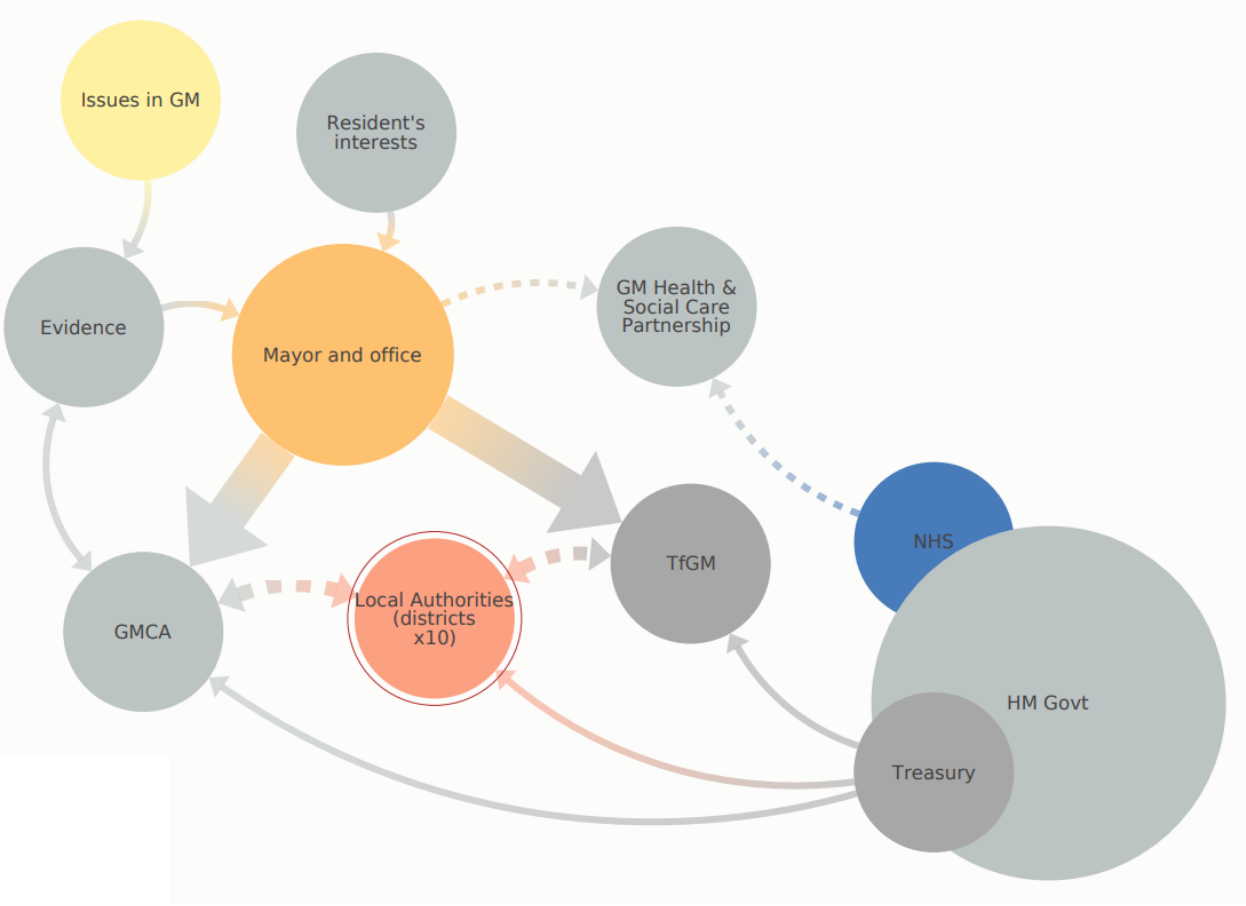
Sian Peake-Jones
Researcher in Residence
Research Fellow (1.0 FTE)

Dr Tracey Farragher
Senior Lecturer in Healthcare Sciences (0 FTE - in-kind contribution)

Work in progress: A systems approach to the integration of health into the complex urban planning decision-making process

How we can instil healthy city values in the urban planning decision-making process?

- Objective1: Understanding urban planning decision-making process
- Objective2: Understanding healthy city values
- Objective3: Building an integration framework
- Objective4: Understanding what conditions under which health matters can be considered fully within the urban planning decision-making process



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Work in progress: Transport-related spatial determinants of health and health inequities in GM

- GM focused study investigating the impact of transport developments on health outcomes against baseline, gaining insights into inequalities

- Providing supporting evidence for the development of Street for All (S4A) strategy, demonstrating where there are strengths and opportunities within our districts

Researcher-in -Residence

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Role of researcher-in-Residence in GM

Streets for All	Co-produce	Research	Enable	Scoping	Communicate
Focus on the Streets for All policy	Create conditions and methodologies for co-produced research	Conduct interviews, attend meetings, review documentation and have workshops and one to ones across GMCA, TfGM and partners to achieve these objectives	Identify and enable workstreams with TRUUD colleagues	Systems, networks and decision-making	Communicate the case study, S4A policy, to TRUUD partners

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Streets for All

Streets for All is a strategy that aims to provide healthy transport-related urban development:

*"Why does GM need a Streets for All strategy?…**to help tackle the long-term critical public health challenges** associated with physical inactivity and road safety. In our city-region, life expectancy is below the England average for both men and women. The top causes of illness and early death are related to how we live our everyday lives: smoking, alcohol, diet and physical activity"*

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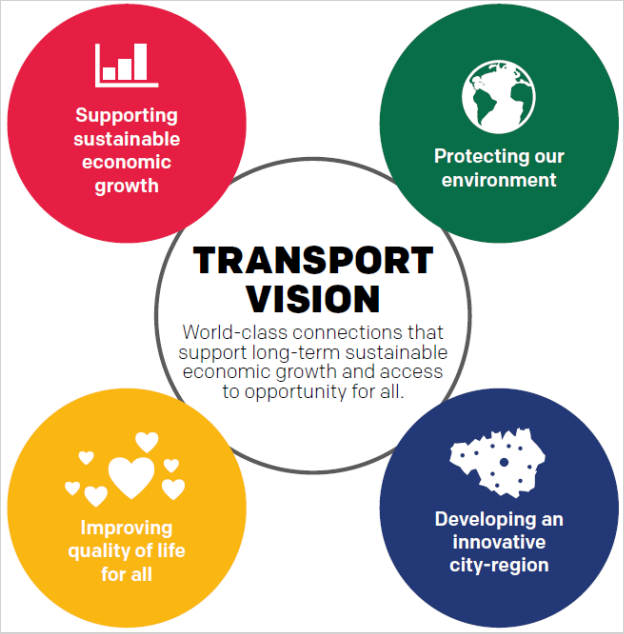
The strategy includes:

- Context – e.g. the GM 2040 transport strategy
- Vision e.g.to reduce car trips to 50% of daily trips
- Detailed explanation of rationale e.g. right mix – incorporating economic, innovation, environmental goals
- Actions: Spatial, network, design…



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Streets for All - Actions

Level 1 – Spatial Planning

Engage council officers who work with developers on new development proposals to understand what they need to embed Streets for All in their work and in early pre-planning application conversations with developers

Frame the **updated Transport for Sustainable Communities Guidance** around Streets for All

Require **all major developments to include a Streets for All check** in their transport assessment and set out their mitigation measures

Streets for All -Actions

Level 2 – Network Planning

Update the highway protocols and continue to review the priority routes for public transport, cycling, freight and general traffic across GM (aligned with the 50% mode share target).

Identify alternate suitable routes or mitigation plans for key points on the network where there are competing pressures for priority from different modes.

Within the design process **agree what level of motorised traffic** will be accommodated and how to manage traffic across the area to achieve traffic reduction

Vision into Action

Level 3 Street Design and Management

Establish a new **system for reviewing project specifications** at key stages to ensure each project is aligned with Streets for All and is meeting the objectives of traffic reduction and mode shift and the views of local stakeholders

Ensure that the process for designing projects which affect our streets includes **engagement with local communities** and stakeholders at an early stage so that their views can be incorporated into designs.

Develop a **Streets for All Design Guide** tailored to the needs of Greater Manchester; in the interim refer to design guidance produced by the National Association of City Transportation Officials (NACTO) as a 'best practice' guide.

Do a **baseline qualitative assessment** for every place we are proposing a new intervention.

Embedding the Streets for All approach

Actions over the next 3 years:

- A more co-ordinated approach
- Local engagement
- Project design guide
- Project build - protocols
- Monitoring & Evaluation

Streets for All progress monitoring:

The monitoring framework from the GM Transport Strategy 2040.

- An attractive and inclusive walking environment
- A safe and connected cycling experience
- A reliable and accessible public transport network
- Goods reach their destination on time with minimal impacts on local communities
- We make best use of assets
- We harness new mobility innovations
- Streets that feel like welcoming and healthy places to spend time

Key data sources relevant to GM

Topography maps	Public rights of way	Land use	Street trees	Employment floor space
Housing allocation	Strategic Road Network	Key Route Network	Access to key public infrastructure	Air quality
Noise	Congestion	Pedestrian / cyclist casualties	Road safety hotspots	Asset conditions
Bus infrastructure and improvements	Travel demand management and behavior			

Planning for Interventions for the City Region – Healthy Streets

- Integrating Public Health Indicators in S4A
- Mapping the 15 minute neighbourhood
- Service improvement of S4A on public health

To be co-designed and confirmed with our partners

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Thank you for listening