



# CLC-ULI Joint Research Publication Creating Liveable Cities through Car-Lite Urban Mobility



# WHY CAR-LITE? WHY NOW?

**Population  
growth**

**Poor urban  
planning  
typologies**

**Rapid  
urbanisation**

**Air pollution**

**Noise**

**Road  
fatalities**

**Land  
resources**

**Social  
isolation**

**Congestion**

**Economic  
cost**

# FUTURE-PROOF TRANSPORTATION ECOSYSTEMS WITH A **NEW** URBAN MOBILITY PARADIGM



## Options, options, options!

Numerous connected mobility options on-demand and at affordable prices.

## Integration of public and private service providers

Private sector continues to fill in gaps in the market to complement the roles and responsibilities of public sector.

## Data-driven connected communities

Comprehensive information systems and service-based mobility packages in place of owning a car.

## People-centric development

Value shifts to software and passenger experience. Inclusive and walkable urban environments which are more people-oriented.

## Optimised asset utilisation with demand management

Greater focus on mobility demand management to optimise the utility of both existing and planned urban systems.

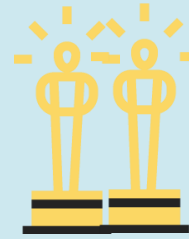
# OUR APPROACH



MULTI-STAKEHOLDER WORKSHOPS



INTERNATIONAL SCAN OF BEST PRACTICE EXAMPLES



INPUTS FROM BOTH LOCAL AND OVERSEAS EXPERTS



SITE-SPECIFIC CASE STUDY

PRIVATE

PUBLIC

PEOPLE

OVER **120** PARTICIPANTS CONTRIBUTED IDEAS AND FEEDBACKS DURING THE RESEARCH PROCESS



Urban Land  
Institute  
Asia Pacific

CENTRE for  
LiveableCities  
SINGAPORE



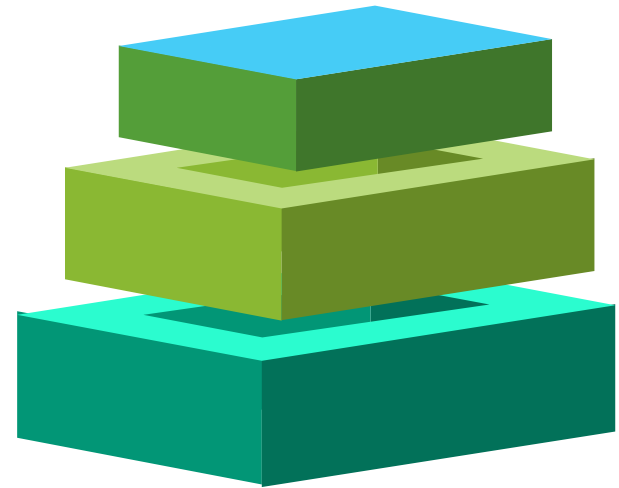
# 3 broad thrusts towards a car-lite future



**People-private-  
public:  
New Form of  
Collaboration**



**Get the  
Fundamentals  
Right**

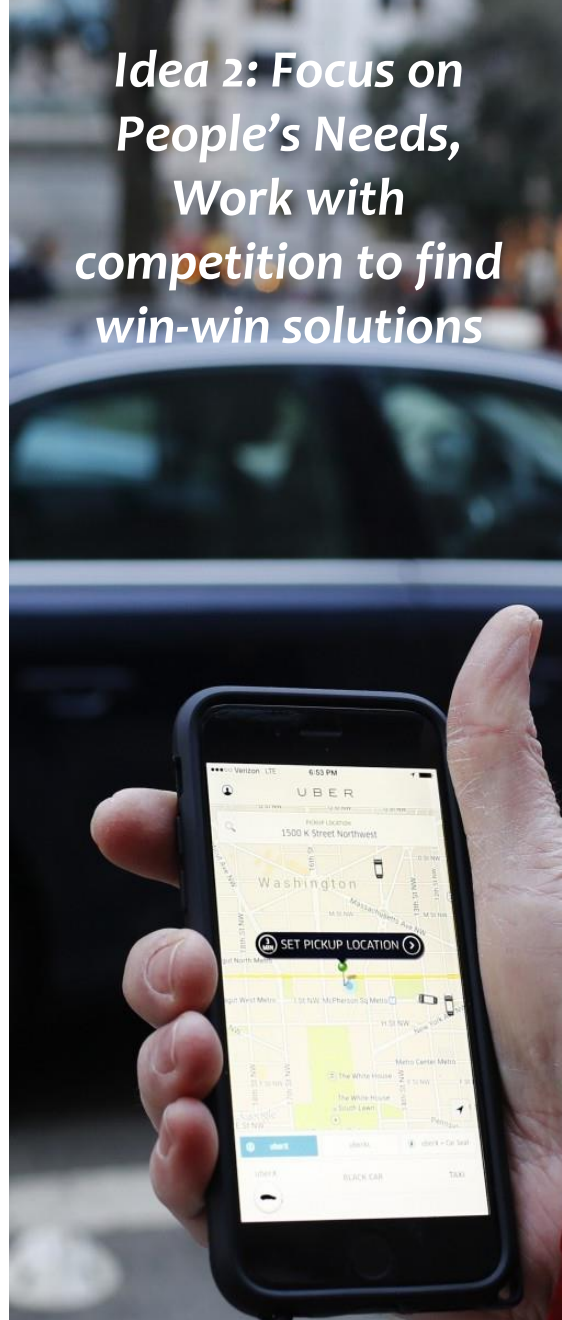


**Multi-pronged  
Approach to Secure  
Buy-in & Shape  
Mindsets**

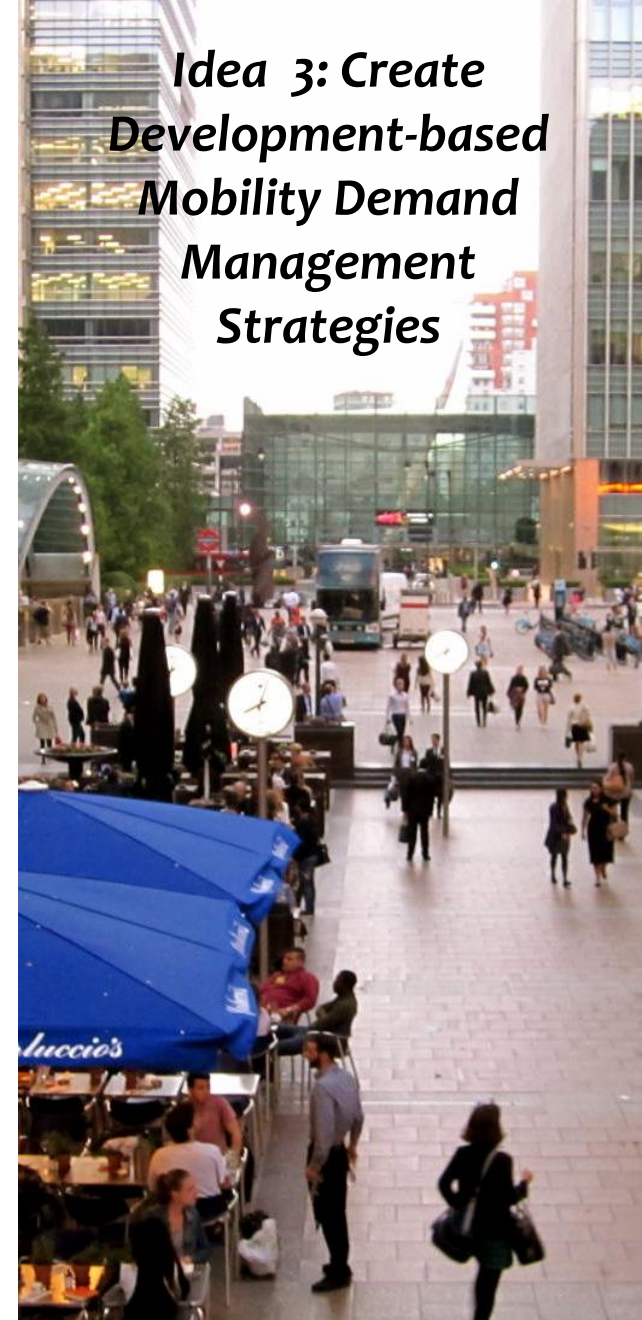
**Idea 1: Align Visions,  
both internally and  
externally**



**Idea 2: Focus on  
People's Needs,  
Work with  
competition to find  
win-win solutions**



**Idea 3: Create  
Development-based  
Mobility Demand  
Management  
Strategies**



**People-private-public: New Forms of Collaboration**



## **Idea 4: Planning matters!**



Look beyond  
the public  
transport  
network alone  
to plug the first  
and last mile  
GAP

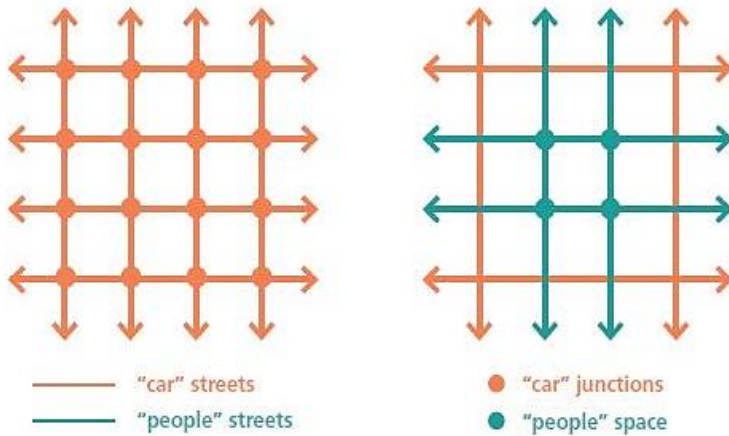
## **Idea 5: Expand Public Transport Amenities to Cover the First-and-Last-Mile**



**Get the Fundamentals Right**

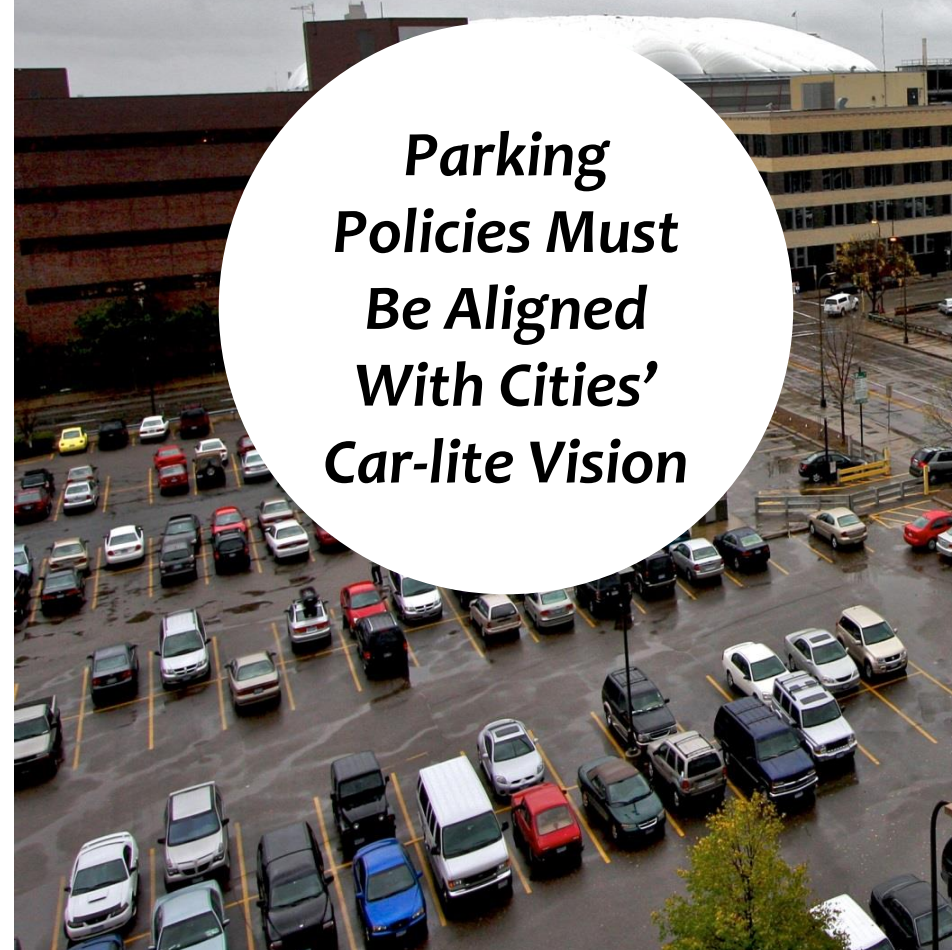


## Idea 6: Turn Street Design on its Head



## Idea 7: Put a Stop to Cheap and Easy Parking

**Parking Policies Must Be Aligned With Cities' Car-lite Vision**



**Get the Fundamentals Right**



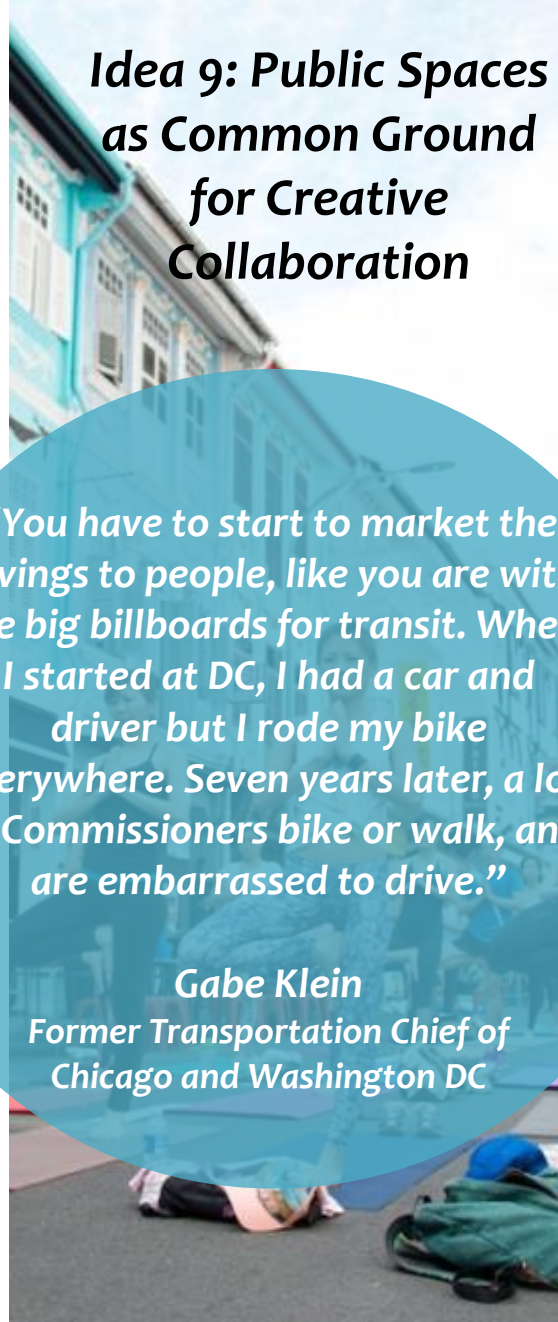
## Idea 8: Drive Change through Data-Driven Research and Pilots



## Idea 9: Public Spaces as Common Ground for Creative Collaboration

*“You have to start to market the savings to people, like you are with the big billboards for transit. When I started at DC, I had a car and driver but I rode my bike everywhere. Seven years later, a lot of Commissioners bike or walk, and are embarrassed to drive.”*

**Gabe Klein**  
Former Transportation Chief of  
Chicago and Washington DC



## Idea 10: Change Mindsets and Make Car-lite Mobility Cool



**Multi-pronged Approach to Secure Buy-in & Shape Mindsets**



Creating Liveable Cities  
Through  
**CAR-LITE**  
**URBAN MOBILITY**



E-book available at:

<https://goo.gl/I5EFyq>

**See you at  
the pop-up  
café at The  
Studio at ULI  
Central from  
2.30 – 4pm!**