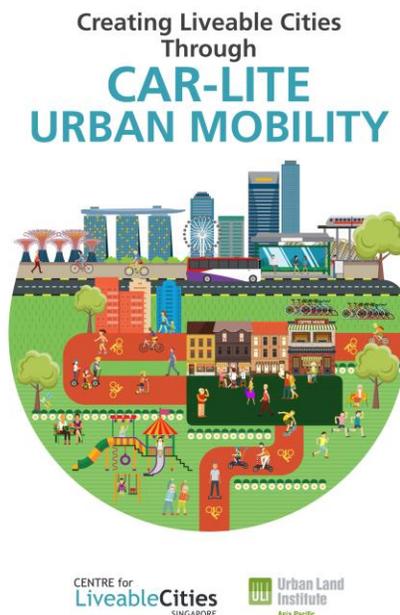


CLC-ULI JOINT RESEARCH: 10 IDEAS TO PREPARE CITIES FOR A CAR-LITE URBAN MOBILITY FUTURE

SINGAPORE (July 11, 2016) – The “car-lite” concept promises a new urban mobility model that is environmental friendly, socially inclusive and economically efficient. But how can cities go about achieving this ideal? The latest joint research project by the Urban Land Institute (ULI) and the Centre for Liveable Cities (CLC) on "***Creating Liveable Cities Through Car-lite Urban Mobility***" makes 10 key recommendations on how transport and urban practitioners can move towards a sustainable and car-lite mobility ecosystem.



2 The preliminary research recommendations were presented earlier today at the World Cities Summit 2016. The response panel of esteemed city and industry leaders like **Morten Kabell**, Mayor for Environmental and Technical Affairs, Copenhagen; **Konrad Otto-Zimmermann**, Creative Director of the Urban Idea and Former Secretary-General ICLEI (Local Governments for Sustainability); **Gabe Klein**, Former Transportation Chief of Chicago and Washington DC; **Kim Soo-hyun**, President Seoul Institute; **Dr Limin Hee**, Director of Research, CLC; and **Scott Dunn**, Vice President,

Southeast Asia AECOM and Past Chair, ULI Singapore, shared their personal experiences and perspectives on the role of sustainable urban mobility in creating liveable cities.

3 As part of the research process, two multi-stakeholder workshops were organised in Singapore in the 1st half of 2016. More than 120 policy makers, experts, practitioners and industry representatives from diverse disciplines such as transport, urban planning, design and real estate development came together to share their insights and challenges (please refer to [Annex A](#)). The key discussion points generated were further developed, condensed and featured in the e-publication as “10 Ideas to Prepare Cities for a Car-lite Future” (please refer to [Annex B](#)). In summary, the 10 ideas are:

- i. Align visions, both internally and externally
- ii. Focus on people’s needs, work with competition and find win-win solutions
- iii. Create development-based mobility demand management strategies
- iv. Expand public transport amenities to cover the first-and-last-mile
- v. Planning Matters!
- vi. Put a stop to cheap and easy parking
- vii. Turn street design on its head
- viii. Use public spaces as common ground for public-private-people collaborations
- ix. Drive change through data-driven research and pilots
- x. Change mindsets and make car-lite mobility cool

4 The research was made possible with support from the ULI Urban Innovation Grant program, which is funded by the ULI Foundation Annual Fund. The Fund supports ULI projects across the globe that foster collaboration between the public and private sector around responsible land use with the goal of building thriving, healthy communities worldwide.

5 “Singapore is already one of the forerunning cities in the world when it comes to promoting sustainable mobility. Looking ahead, going car-lite is something that should happen to make the city-state more liveable. The more important thing is to really approach mobility from people’s perspective, not cars. We hope this joint publication will contribute in some way towards shaping a better mobility future and complement the government’s ongoing efforts by inviting contributions of inputs and ideas from other stakeholders”, said Mr Khoo Teng Chye, Executive Director, CLC.

6 “Sustainable urban mobility is important to both emerging cities that are forming and existing cities that are redeveloping”, said ULI Chief Executive Officer, Patrick L. Phillips. “This latest research collaboration between CLC and ULI looks into the intricate relationship between sustainable mobility and the liveable urban environment. We hope lessons distilled will also be useful to other cities facing similar urban mobility challenges.”

The e-publication in full can be found at:

<http://www.clc.gov.sg/Publications/books-creating-liveable-cities-through-car-lite-urban-mobility.htm>

You can also access a video on the project here: <https://youtu.be/IXKdf0Wk1rU>

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About the Centre for Liveable Cities (CLC)

The Centre for Liveable Cities is a knowledge centre for liveable and sustainable cities jointly established by the Ministry of National Development and the Ministry of the Environment and Water Resources. The Centre seeks to bring together Singapore's expertise on sustainable urban development in the areas of good governance, urban planning, effective resource management, quality living environment, affordable housing and sustainable transport solutions. The Centre facilitates the sharing of knowledge and best practices among cities in the region and globally. For more information, please visit www.clc.gov.sg

About the Urban Land Institute (ULI)

The Urban Land Institute (<http://www.uli.org>) is a nonprofit education and research institute supported by its members. Its mission is to provide leadership in the responsible use of land and in creating and sustaining thriving communities worldwide. Established in 1936, the Institute has nearly 38,000 members worldwide representing all aspects of land use and development disciplines, including more than 2,000 in Asia. For more information, please visit asia.uli.org or follow us on [Twitter](#).

ANNEX A – Participating Organisations

<p>AECOM AEDAS Architects 61 Asakura Robinson Arup Ascendas Singbridge Asia Capital Real Estate Atkins Benoy Big Wheel Scooters Singapore Broadway Malyan CapitaLand Commercial CapitaLand Limited Car-Sharing Association (Singapore) City Developments Limited Colliers International CPG Consultants DHL Far East Organization Fedex Freewheeler MDW Consultancy Hongkong Land Housing & Development Board Invesco Real Estate Infocomm Development Authority of Singapore Jones Lang Laselle Jurong Town Corporation Land Transport Authority * Lend Lease LOPELAP</p>	<p>LoveCycling SG Ministry of National Development * Ministry of Transport * Nikken Sekkei Nanyang Technology University National University of Singapore, School of Design and Environment National University of Singapore, Lee Kuan Yew School of Public Policy nuTonomy Participate in Design Prime Minister’s Office Raffles Quay Asset Management REMS Advisors RSP Ryde SC Capital Partners Group Singapore ETH Centre – Future Cities Laboratory SMART: Singapore-MIT Alliance for Research and Technology The Straits Times Surbana Jurong Singapore University of Technology and Design Uber United Industrial Corporation Limited Urban Redevelopment Authority * URBNarc Wing Tai Asia ZACD Investments</p>
<p><i>*Supporting ministries / agencies</i></p>	

10 IDEAS TO PREPARE CITIES FOR A CAR-LITE URBAN MOBILITY FUTURE

- 1 Align Visions, Both Internally and Externally**
- Internal alignment of vision across different teams within key agencies to ensure coherent efforts and targeted outcomes
 - Make sure all relevant agencies and stakeholders are on board to ensure transport planning is not done in isolation from other related policies

- 2 Focus on People's Needs, Work with Competition and Find Win-Win Solutions**
- Provide customer-oriented services
 - Public sector to encourage fair competition as a prerequisite for innovation, greater systematic efficiency and creation of an integrated package of "mobility as a service"
 - Service providers to work with public sector to establish good understandings of newer mobility options such as ride-hailing and car/bike-sharing and their impact on the car-lite mobility ecosystem

- 3 Create Development-based Mobility Demand Management Strategies**
- End-users to play their parts in promoting sustainable travel behaviours
 - Develop site/estate-specific travel demand management plan that not only caters to local commuters' needs, but also ensures that all new development project contributes towards shaping cities' car-lite urban mobility
 - Monitor progress over extended time

- 4 Expand Public Transport Amenities to Cover the First-and-Last-Mile**
- Develop high-quality public transport network as the backbone of cities' future mobility system
 - Look beyond public transport network to also address commuters' first-and-last-mile needs
 - Public transport service providers to form strong intermodal partnerships with taxi, car-sharing and bike-sharing providers to complete the trip ecosystem

- 5 Planning Matters!**
- Use planning to address underlying causes, instead of symptoms, of urban mobility challenges by finding ways of avoiding or shortening trips in the first place
 - Bring jobs and homes closer to each other
 - Encourage high-density mixed land uses around public transport nodes

- 6 Put a Stop to Cheap and Easy Parking**
- Ensure better understanding of current parking supply and demand to facilitate development of proactive policy interventions
 - Consider a set of more stringent parking provision framework but calibrate provision standards against factors such as public transport accessibility and access to amenities and services
 - Price parking correctly by exploring demand-responsive systems with the help of technologies
 - District-wide parking strategies to encourage sharing and minimise redundancy of parking spaces

- 7 Turn Street Design on its Head**
- Get the fundamentals right by reviewing prevailing traffic planning and street design which generally prioritise vehicular traffic
 - Fine-tune road categorisation and street design in favour of pedestrians, cyclists and public transit users wherever possible
 - Make "complete streets" a planning and design norm

- 8 Use Public Spaces as Common Ground for Public-Private-People Collaborations**
- Public sector to lead/initiate transformation of car-dominated streets into people-oriented places
 - Communities, businesses and other stakeholders to be included in developing their own car-lite mobility solutions/initiatives that are financially sustainable in the longer term and also sensitive to the local context

- 9 Drive Change through Data-Driven Research and Pilots**
- Embrace "trial and error" in public sector's decision-making process
 - Use quick and cost-efficient pilot programmes to establish optimum and gather evidence

- 10 Change Mindsets and Make Car-lite Mobility Cool**
- Proactively shape perceptions instead of waiting for mindsets to change
 - Influence commuters' travel choices through creative use of media, education and campaigns
 - For a start, target specific groups of audiences, such as school children, corporations, public agencies, new residents and new employees



