

EVENT	
Title	The road to sustainable mobility in cities
Date	17 November 2022
Time	12:00—13:30 Ibnis Room (400 seating capacity)
Organiser	UNFCCC
Language	English
Virtual event	No
Main text body	<ul style="list-style-type: none"> • Background <p>Currently, 56% of global population resides in cities, which is anticipated to increase to 66% by 2050. Cities are responsible for emitting approximately 70% of global greenhouse gas emissions while contributing 80% towards GDP. Furthermore, cities currently produce more than 2 billion tons of waste per annum, a figure that is anticipated to increase to well over 3 billion in the coming years.</p> <p>The IEA states that transport has the highest reliance on fossil fuels of any sector and accounted for 37% of CO₂ emissions from end-use sectors in 2021. While it was one of the sectors most affected by the Covid-19 pandemic, emissions resumed rising as demands increased and the uptake of alternative fuels remains limited. That growth is most notable in developing and emerging economies¹.</p> <p>The World Economic Forum indicates that about 18% of global energy emissions can be attributed to road vehicles, of which 60% come from passenger vehicles. Moreover, these emissions are on the rise, and half of them originate in city trips².</p> <p>Cities are severely affected by the air pollution and climate change caused by the transport sector. However, the world's cities are changing. New technologies, business models, and global sustainability goals are transforming our cities and how we move. Today's urban planners and transport engineers face an array of challenges and are needed to take advantage of such transformations to help create urban environments that consume fewer resources, contribute less to climate change, and support more liveable, inclusive and healthy neighbourhoods.</p> <p>While cities are major contributors to climate change they are also high interconnected. It is now necessary for the numerous thematic sectors to plan and implement initiatives in an integrated manner. As an example, circularity can be utilised as a tool to further sustainable transport systems in urban centres by focusing on material use and waste generation which is often at the forefront of many modernization efforts; constantly producing breakthrough technological advances including being cradles of innovation and socio-economic transformation. Furthermore, transport systems can also play an enabling role for the transition to circular Cities can drive demand to circular products through reverse logistics, procurement and can support citizen behaviour change and bring about a just and inclusive circular transition.</p> <ul style="list-style-type: none"> • Objective and description <p>This session explores how many cities will change in the coming years in terms of their transport sector as they tackle a multitude of complexities and challenges such as climate change; integrating circularity; and enhancing sustainability and inclusivity. It's understood that not only the current complexities, but the anticipated increasing complexities, will necessitate integrated collaboration, solutions and action – which will be explored in this panel discussion today.</p> <p>The panel will highlight technical solutions that could enable cities transition to a sustainable urban and resource efficient future. Some of the solutions from the Solar Impulse Foundations Solutions Guide for Cities, which is planned to be released during COP27, will be briefly put forward. In addition, achieving scale and seamless implementation will be focused on as key leverage point. Finally, we will explore how cutting-edge transportation policy and technical solutions can act as a central pivot for cities transitioning.</p>

¹ <https://www.iea.org/reports/transport>

² <https://www.weforum.org/agenda/2022/02/cities-emissions-mobility-climate-data/>

	<p>Proposed programme (90 min)</p> <p>Opening, Welcome and Setting the scene: Magash Naidoo, ICLEI, (5 min)</p> <p>Pitching Sessions: How will Cities of the Future look like for you in terms of their transport sector and what challenges will they face to get there (15 min):</p> <ul style="list-style-type: none"> • <i>Andy Deacon, Managing Director, GCom</i> • <i>Thomas Deloison, Director, Mobility & Member of the WBCSD Extended Leadership Group</i> • <i>Wei-Shiuen Ng, Economic Affairs Officer, UNESCAP</i> <p>-</p> <p>Moderated Panel Discussion: This panel discussion will build on the first round. We now go into some of the details on how the city of tomorrow can transform their transport sector: (40 min)</p> <p>Data:</p> <ul style="list-style-type: none"> • <i>Thomas Deloison, Director, Mobility & Member of the WBCSD Extended Leadership Group</i> <p>In order for cities to prioritize key levers within the transport sector while reducing emissions, accurate and robust data is needed to better understand the context and identify feasible solutions. Please share you perspective on some major levers of action, and data availability.</p> <p><i>Please share some success stories also</i></p> <p>Policy:</p> <ul style="list-style-type: none"> • <i>Wei-Shiuen Ng, UNESCAP</i> <p>Social behaviour change does not occur without sound policies offering direction and purpose for stakeholders to engage and collaborate. In your view what are some of the policy actions cities can take to enable the achievement of inclusive and low carbon transport?</p> <p><i>Please share some success stories also</i></p> <p>Technological solutions:</p> <ul style="list-style-type: none"> • <i>Andy Deacon, Managing Director, GCom</i> <p>For change to occur, a number of technical solutions should be considered and the application of these largely depends on the local context in cities. Please share with us some examples of solutions taken at various levels to enable cities to transform their transport sector and explain how successful they were in achieving their purpose.</p> <p><i>Thomas Deloison and Wei-Shiuen Ng to also add their inputs. (Cover international agreements and cooperation amongst cities; examples/success stories of technical solutions cities transport sector mitigation and adaptation gender mainstreaming).</i></p> <p>Finance:</p> <ul style="list-style-type: none"> • <i>Wei-Shiuen Ng, UNESCAP</i> <p>To transform a cities transport sector to reduce emissions and enhance climate resilience requires large amounts of finance. How can cities unlock the financial support and leadership they need to move forward?</p> <p><i>Please share success stories. Andy Deacon and Vincent Michelet to also add their inputs</i></p> <ul style="list-style-type: none"> • Moderator to summarize key messages from discussion (7 min) • Moderated Q&A session with audience (20 min) • Closing remarks (3 min)
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