



Prosperity Times

Your news for the **Global Future Cities Programme**

South East Asia

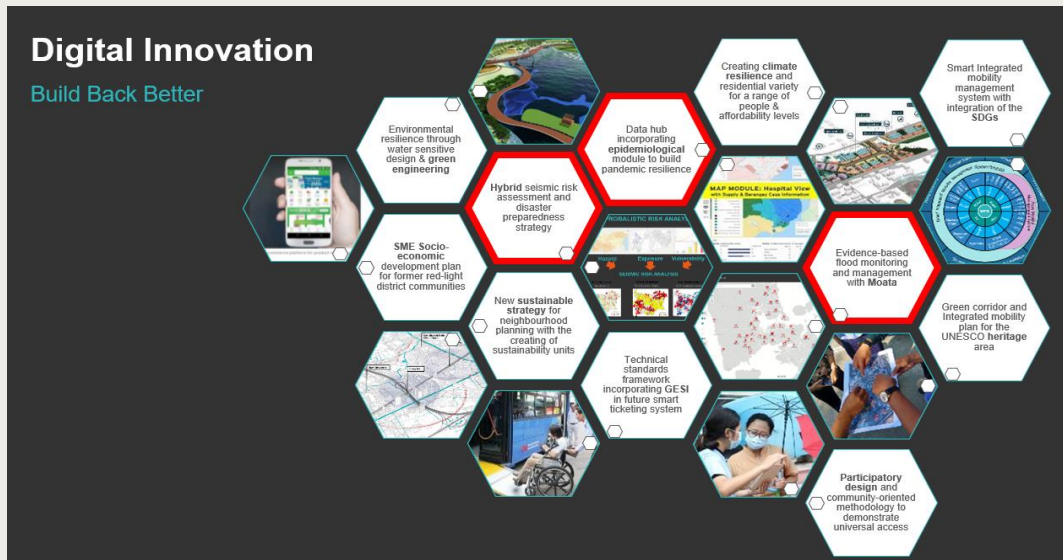
01 September 2021

Global Future Cities Programme Southeast Asia shortlisted for Mott MacDonald Excellence in Digital Delivery Award 2021

Our intervention and PMO teams continue to excel in digital delivery as the Global Future Cities Southeast Asia Programme has reached the 2021 finals of the Mott MacDonald Excellence in Digital Delivery Award. This is an annual, global award recognising project achievement in real-world application of digital aligned with Mott MacDonald's purpose, including social outcomes and digital innovation. The Global Future Cities entry collected stories across the programme, to demonstrate how digital has transformed the approach in improving communities across Southeast Asia, in being inclusive, better connected, and resilient.

The programme is “doing better things” through smart system deployment, digital advisory and literacy for cities’ capacity building. We’re “doing things better” through automation, digital programme management, interactive community surveys, Geographical Information Systems (GIS), and virtual engagement.

The award finals take place this September, with the winner announced in October.



Excellence in digital – digital innovation for resilience across 6 countries, 9 cities and 13 projects in South East Asia

Content owner: [Derek Murray](#)

Bandung, Indonesia

Striving towards a net zero transportation system in the future

The Bandung Integrate Public Transport intervention organised an online workshop on 3 August 2021 regarding the low carbon emission, which was attended by representatives of the Transport Agency, City Planning Agency, Bandung Environmental Agency, Institute Technology of Bandung, and the Parahyangan Catholic University. The workshop was facilitated by Annette Smith, Technical Director of Future Mobility at Mott MacDonald London. This workshop is part of the Low Carbon Public Transportation Strategy developed under the Bandung intervention, which aims to connect the city with the Paris Agreement and to strive toward a desired future of a net zero transportation system by 2050. This initiative will focus on developing a 2030 plan that will identify the key activities for delivering a low carbon public transportation system in Bandung before aiming for a net zero transportation system in the long term.

The objectives of this workshop were to share knowledge of how to conduct a low-carbon assessment at the city level, to define the local transportation context, as well as to assess the city's strengths, weaknesses, opportunities, and threats (SWOT) in terms of implementing a low-carbon transportation plan. This effort will ensure that the strategy is founded on

strengths while also identifying where planning and actions should be prioritised to ensure positive future outcomes and the implementation of a preferred net zero future.

Participants were enthusiastic about the conversation and communicated several key ideas relating to the SWOT category - Strengths, Weaknesses, Opportunities, and Threats, as summarised below.

Strengths	Weaknesses
Good digital connectivity Traffic Control System Emission testing Tourism/Culture/Education Existing campaigns (including climate change programme) Existing sustainable transport infrastructure	Integration between modes Limited public transport services Lack of policy alignment Quality and accessibility of transport network Topography Congestion
Opportunities	Threats
Cycling behaviour Improvement of Public Transport Pedestrian Improvements Travel Demand Management Incentives and disincentives (changes in policy) Advanced technology and new modes	Financial capacity and budgets Strategy not integrated Climate resilience Recovery from COVID-19 Changing Behaviour Decarbonizing power sector

A second workshop will be held in the coming months as a follow-up to the results of the first workshop's assessment.



Screen capture of first Low Carbon Transportation Strategy Workshop organised by the GFCP Bandung team and participated by representatives from the Transport Agency, Bandung Environmental Agency, City Planning Agency, Academics from Institute Technology

Keep an eye out for the full article, soon to be published [here](#).

Content owner: [Kenny Kapuasiana](#)

Surabaya, Indonesia

Transforming Dolly area at Putat Jaya into a liveable vibrant and sustainable neighbourhood

In early August 2021, the Surabaya Urban Transformation team as part of the Global Future Cities Programme held Focus Group Discussions with various Surabaya City Government Agencies on the Urban Design Guidelines of Putat Jaya.

The session focused on proposed tourism strategies that can integrate several locations in the Putat Jaya area to transform Dolly into an art and cultural centre, as well as potential proposals to make the area more attractive as a tourist destination, such as providing bicycle facilities for tourists, street improvements for safe and child-friendly areas, transforming the street into open-air museum, creating marketplace for local MSME products and many more.

The conversation elicited interest from city agencies and the Surabaya City Government is looking for more tourist packages implementation, with both the Pilot Projects and the Tourism Plan being prioritised. These consultations and discussions with various agencies, particularly on Government Assets, allow them to be better aligned with community aspirations.

Surabaya, Indonesia

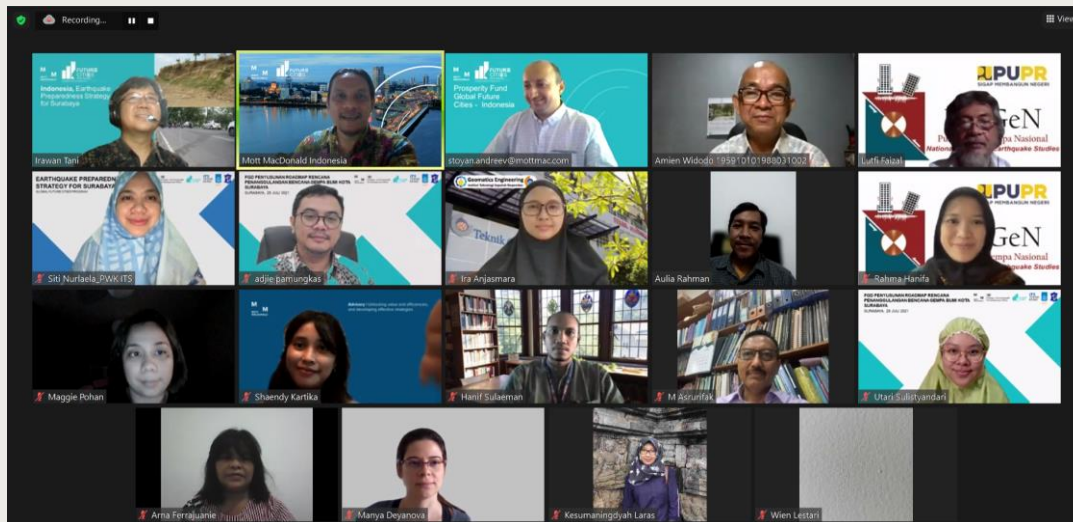
Gaining greater ownership over Surabaya earthquake resilience

This August, the Global Future Cities Surabaya Earthquake Resilience Team increased the quality of its engagement process by receiving approval from key stakeholders of the Surabaya Earthquake Risk Profile report. This validation was confirmed at a consultation workshop with the National Earthquake Study Centre (PuSGeN) on 6th August 2021. This is the second approval from a subject-relevant technical institution, following the BMKG (Meteorology, Climatology and Geophysics Bureau) in July 2021.

The consultation meetings with BMKG and PuSGeN both resulted in an exchange of documents. BMKG has agreed to share its Micro Zonation Study of Surabaya city, while PuSGeN is keen to share its fault slip rate study in exchange for the Surabaya Earthquake Risk Profile.

For the next step, the GFCP team is planning to present to the National Disaster Management Agency (BNPB) and the Ministry of National Development Planning (BAPPENAS), which are both key national stakeholders on a strategic level. The plan is to organise the consultation workshop in September 2021.

The acceptance from key stakeholders regarding the Surabaya Earthquake Risk Profile shows that the National Government is supportive of the sub-National level Government in increasing overall disaster resiliency, particularly on earthquakes. The approval and support from key national stakeholders will greatly help the team to improve the intervention's ownership.



Attendees during the key stakeholder engagement - Surabaya Risk Profile consultation meeting

Content owner: [Fany Wedahuditama](#)

Iskandar Malaysia

Successful completion of pilot project for Iskandar Malaysia

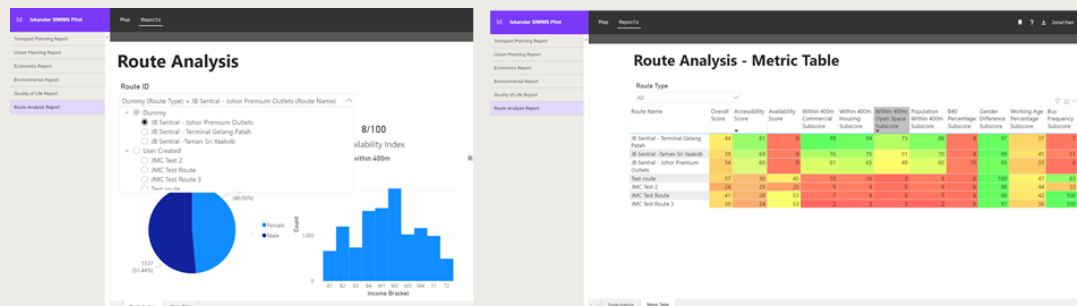
The sixth Pilot Project Demonstration Session for the Iskandar Malaysia Project took place on 2 August 2021 with the City Partner, Iskandar Regional Development Authority (IRDA) and members of the Technical Working Group.

The Global Future Cities Programme (GFCP) Iskandar Malaysia project team presented transport modelling updates on the macroscopic and mesoscopic models of the highway and public transport network. Their work on model zone systems is now complete, trip matrices have been built, and the process of checking and refining the transport model is ongoing.

The team presented a summary of the proposals received from multiple suppliers for the Adaptive Signal Control system proposed at Jalan Sutera Danga. They have also provided a list of international suppliers who could be interested in Intelligent Transport Systems (ITS) projects in the region, which could potentially lead to cooperation agreements beyond GFCP.

The Smart Geographic Information System (GIS) updates included the Bus Route Analysis Tool, which allows users to draw new routes on the map and measure them against a set of metrics. An algorithm then calculates a score for availability and accessibility.

Final refinement of the pilot project components is now underway in preparation for the last Pilot Project Demonstration session to be held in September 2021.



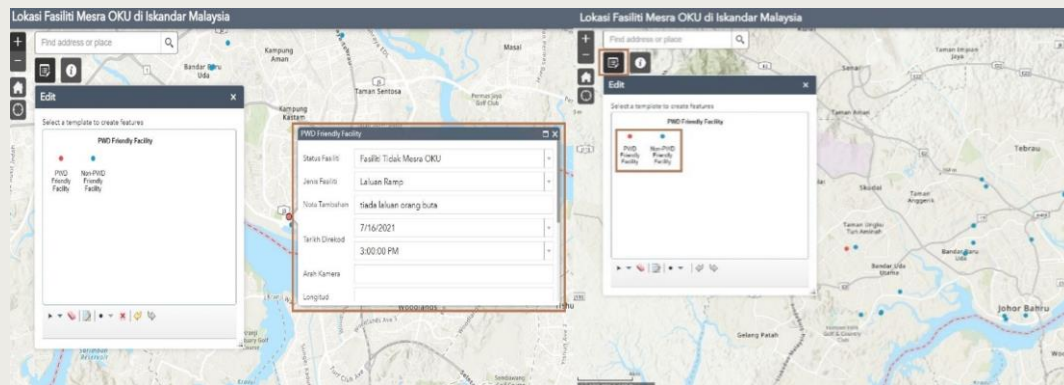
Content owner: Roseanne Clarice

Iskandar Malaysia

Making it easier to access GESI data in Iskandar Malaysia and Melaka

The GFCP Iskandar Malaysia Project Team conducted a demonstration session of the “Orang Kurang Upaya” (OKU) Accessibility Application with the Gender Equality and Social Inclusive (GESI) Consultative Groups from both Iskandar Malaysia and Melaka interventions on 26 August 2021. The application was developed to obtain data on facilities within the Iskandar Malaysia region that are friendly to Persons with Disabilities (PwD). It uses a web application template from ArcGIS Online and features a simple user interface and user experience, avoiding the need to sign in for access. Members of the public can submit locations as PwD-friendly or Non-PwD-friendly, as well as add comments to any of the existing locations recorded on the map, such as:

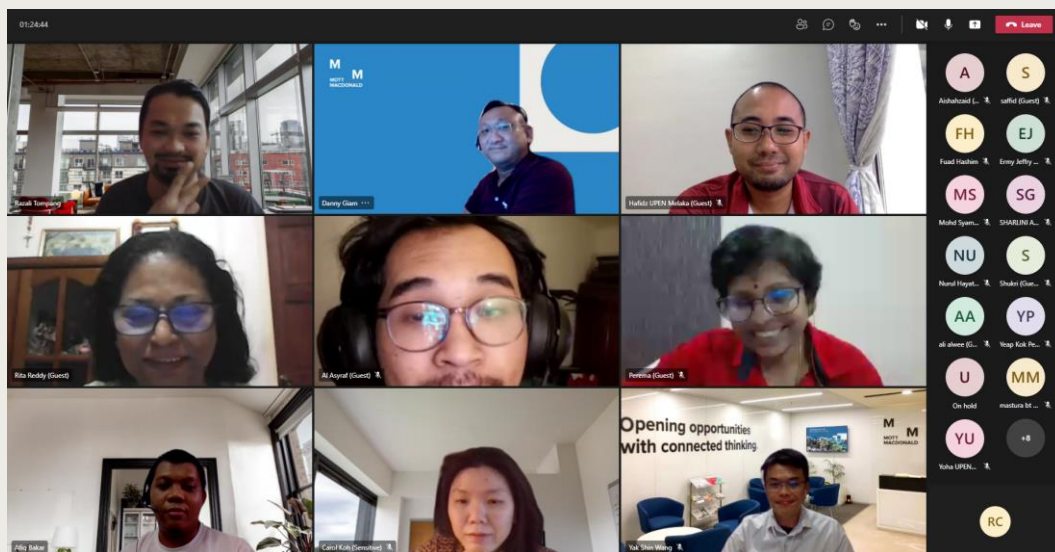
- Not accessible to wheelchair users
- Lack of ramps
- In need of tactile signages



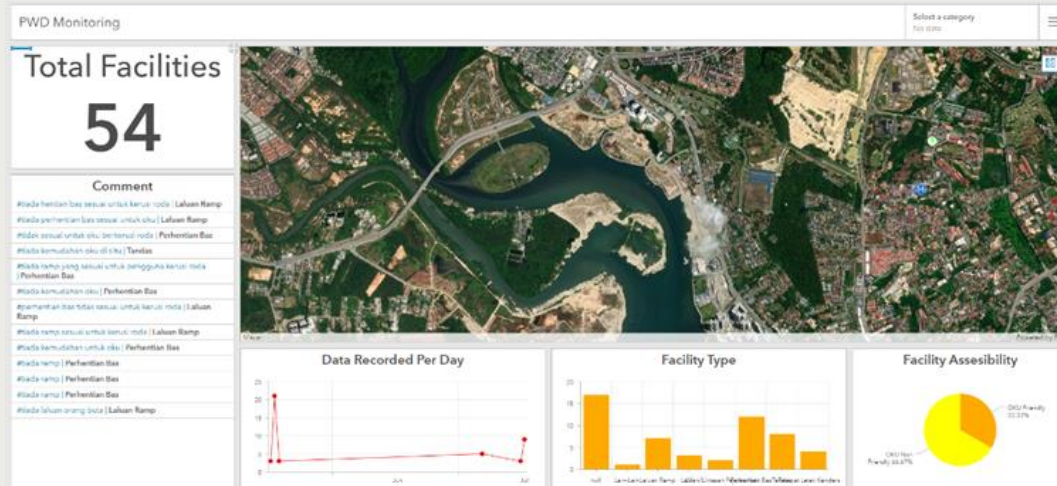
Screen capture of the application - submitting a facility and editing existing facility information

A video demonstration in the local language, Bahasa Malaysia, was presented during the session to illustrate how to navigate and record comments on the application. Attendees provided feedback, which will be useful in improving the application.

While still in its early stages, this application can be further modified in the future to suit the needs of different user groups and provide convenient information at fingertips of target audiences.



Attendees at the OKU Accessibility Application Demonstration and Discussion



Screen capture of Data Monitoring Dashboard

Content owner: [Roseanne Clarice](#)

Melaka, Malaysia

Two-day charrette reveals key issues for green transport in Melaka

The Global Future Cities Programme (GFCP) Melaka project team conducted a two-day interactive charrette with Technical Working Group members to garner input on key areas related to the Melaka Green Transport Masterplan intervention.

On both days, 29 and 30 July 2021, the attendees answered crucial questions in their respective breakout rooms, each led by a member of the GFCP Melaka team.

Key findings on the first day came from a lively discussion on the issues and challenges that hinder active mobility and public transport. Safety and weather concerns, convenience of private modes of travel and unreliable and delayed service were all identified as the major challenges. Viable solutions include improvements to Intelligent Transport Systems, covered walkways to increase pedestrianisation, better cycling infrastructure and incentivising the adoption of electric vehicles.

The energy stayed high on Day 2, with the subject turning to the key modes of a green transport network. These number from trishaws, river transport, trams, and Bus Rapid Transit, to issues around congestion tax, car-free zones, and private vehicle surcharges.

The forum shared different measures to monitor the success of a public

transport system, such as growth in users and coverage area, reduction in private vehicle registration trends, KPIs, evaluation and assessment and amenities that cater to all user groups.

We are grateful to the Melaka Technical Working Group for their valuable contribution. The findings from these sessions will support improvements in the transport system through the implementation of the Melaka Green Transport Masterplan.



Attendees of the Melaka Technical Working Group charrette

Content owner: [Roseanne Clarice](#)

Melaka, Malaysia

Engaging with young people on green transport in Melaka

The GFCP Melaka team held a late evening engagement session on Saturday, 7 August 2021, with over 90 members of the youth group Majlis Gabungan Belia Melaka (MGBM).

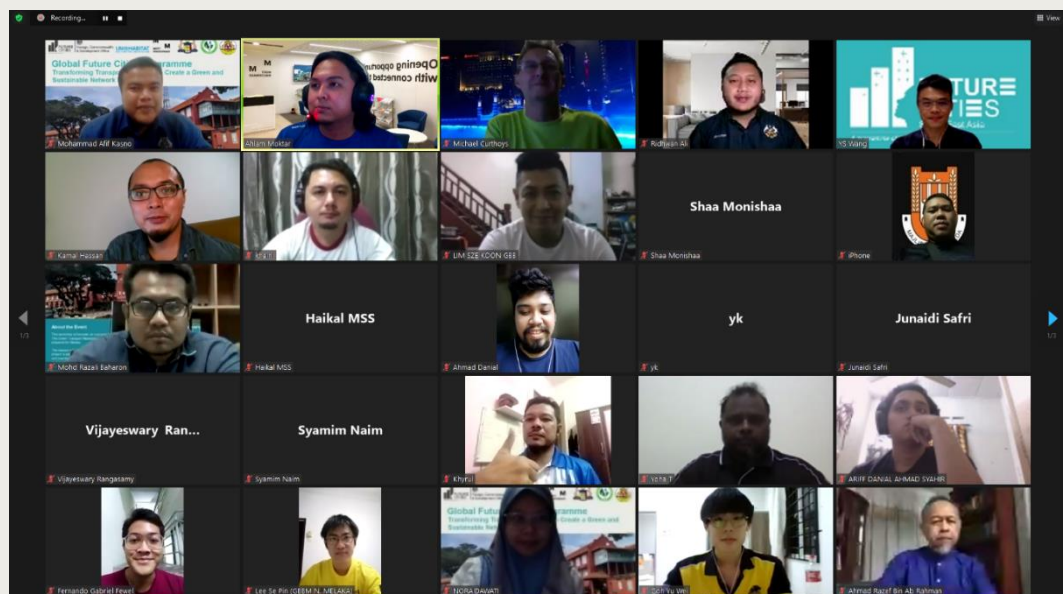
The team presented an overview on the Melaka Green Transport Masterplan, encompassing the key highlights of the project such as the existing transportation challenges and how the interventions in Melaka plan to provide effective solutions.

The session also highlighted the project's alignment with the UN Sustainable Development Goals (SDGs), emphasis on GESI input through the formation of a GESI Consultative Group, as well as Smart Technology

tools such as Geographic Information System (GIS) based data and Intelligent Transport Systems to improve the outcomes of the project. The team conducted a perception survey and obtained valuable and comprehensive information on questions relating to public transportation. Attendees were asked to consider why people choose not to utilise these services, issues in the transport system, and improvements to encourage usage of public transport.

The potential outcomes of Green Transport were further described to give the attendees a better understanding of why adopting more sustainable modes of transportation is so important.

The successful session was pertinent in increasing awareness not only of the project but also of working towards a greener transport system and city in Melaka.



Members of Majlis Gabungan Belia Melaka (MBGM) at the GFCP Melaka Engagement Session

Content Owner: [Roseanne Clarice](#)

Ho Chi Minh City, Vietnam

One Ticket, One City – how interoperable ticketing leads the way in Ho Chi Minh City for buses metro and BRT

The Global Future Cities Programme Smart Ticketing System (STS) intervention team received some unexpected good news in the form of

supportive comments from a representative of the Ho Chi Minh City (HCMC), as reported in two of the city's daily newspapers on 10 August 2021, including Lao Động's article 'Ho Chi Minh City aims to use a card to take all buses, metro and BRT'.

Since commencing in December 2019, one of the most important deliverables has been the Technical Standards Framework, otherwise known as the TSF, that defines the minimum technical requirements for interoperable smart ticketing in HCMC. The TSF ensures interoperability between all the transport service providers, including metro, bus rapid transit, and potentially the ferries too, which will ensure that a user's choice of ticket, including tokenized tickets presented by mobile phones, could be recognised everywhere. The TSF was published to the Department of Transport in July 2021 and it has since been passed to the nationally focused Ministry of Transport (MOT) and the Ministry of Science and Technology (MOST) for their feedback.

In the meantime, some of Vietnam's largest investments in public transport are at various stages of implementation and support for the TSF, including Metro Line 1 that currently supports a limited range of payment options, whereas Bus Rapid Transit Line 1 support a wider range of options. The media mentions the challenges of interoperability and therefore the benefits of the TSF, as cited by Mr Trang Quang Lam, the Director of the HCMC Department of Transport (DOT).



Screen capture from Lao Động's article 'Ho Chi Minh City aims to use a card to take all buses, metro and BRT'

Read full article in Vietnamese [here](#).

For English, please use the translation function in browser.

Content owner: [Andrew Pickford](#)

Meet the team



Nguyễn Thị Hằng (Nguyen Thi Hang)

I am Monitoring, Evaluating, Reporting and Learning (MREL) officer and the secondary benefits (SB) lead for the two interventions in HCMC, Vietnam: Smart Ticketing System and GIS for the Drainage System.

My primary role involves regularly reviewing logical frameworks and leading monitoring and reporting on performance indicators for the Sustainable Development Goals (SDGs) and

Secondary Benefits Opportunities. In addition, as the capacity building coordinator, I also work with different partners to organise the capacity enhancement activities. It has been a fantastic experience to meet and work with excellent people from all over the world. I find myself very fortunate to

be a part of the programme that contributes to sustainable development for my beloved city.

Outside of this programme, I have joined various development projects in secondary cities of Vietnam. This enhances my knowledge and soft skills to provide local stakeholder with technical support to deal with urban related issues on transport planning, affordable housing, solid waste management, community development and urban resilience.

I enjoy travelling and meeting up with family and friends. I have watched more Korean movies, read more books and practice yoga since the pandemic started.

Content owner: [Nguyen Thi Hang](#)



Min Lyu

I am glad to have the opportunity to join the Global Future Cities Programme. I just joined Mott MacDonald in August 2021 as Digital Advisory Consultant. My role in the programme is to support the cross-cutting smart infrastructure and data-related initiatives. My education background is in transportation engineering and transportation system management.

Transportation is also one of the 3

integrated pillars in the Global Future Cities Programme to develop sustainable mobility and enable better-informed decisions.

I have been introduced with the intervention in Iskandar Malaysia and Bandung Indonesia, both of which are to address the local mobility challenge for better future. With the two interventions as a starting point, I hope my expertise in transportation and digital will add value to the programme and contribute to the development of the cities and its people.

I enjoy hiking during the weekend when the weather is good. I also like to record beautiful or interesting phrases and moments by calligraphy on iPad.

I really appreciate the chance for me to be part of this great team and meaningful programme. Looking forward to meeting more lovely colleagues in person. I hope to have chance to travel to the cities in the Future Cities programme to witness the change the programme has brought!

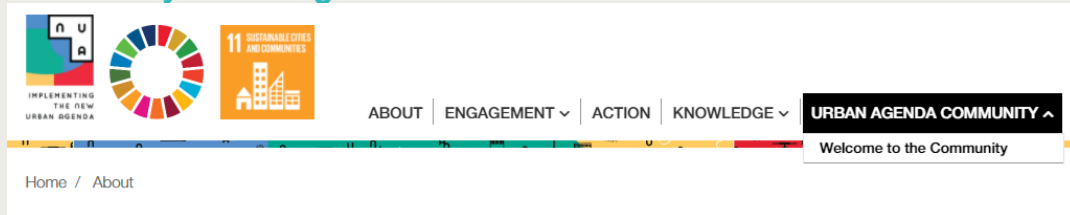
Content owner: [Min Lyu](#)

Newsletter

Submitting your news

Please use the [GFCP newsletter – news submission form](#) to submit any announcements to be included in the next newsletter.

Community Urban Agenda Platform



The New Urban Agenda Platform is the knowledge portal for gathering voluntary reports, best practices, and data - both quantitative and qualitative, for reviewing the progress made in implementing the New Urban Agenda to achieve the 2030 Agenda of the Sustainable Development Goals.

This platform is for national governments, subnational governments, local authorities, civil societies, UN entities, private sector, regional organisations, and all other key stakeholders to voluntarily share their contributions to the implementation of the global agenda from the global, regional, national, and local level.

As a one-stop shop for both reporting and learning, the platform supports knowledge exchange, encourages interaction, and supports capacity development to establish communities of practice for sustainable urbanisation development.

We encourage you to sign up [here](#) and join the various groups for GFCP and post links to good news stories developed and published on the UN-Habitat knowledge platform to encourage discussions on relevant topics and promote engagement! This is a growing initiative aimed at creating and reinforcing partnerships among all relevant stakeholders and fostering collaboration, for transformative urban solutions and mutual learning.

Contact us

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