



THE UNIVERSITY OF
MELBOURNE

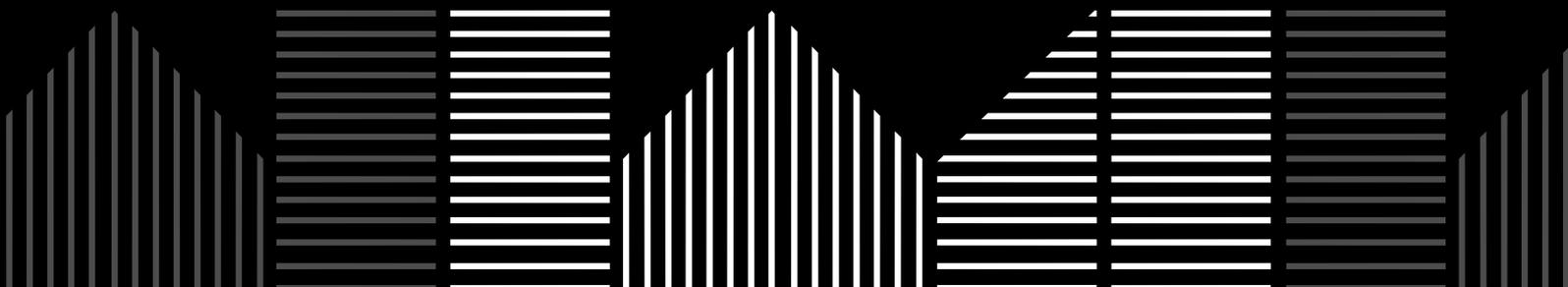
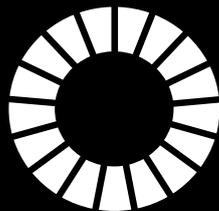
Melbourne
School of Design
Faculty of Architecture,
Building and Planning

SUSTAINABLE DEVELOPMENT GOALS CLIMATE CHANGE AND CITIES

SYMPOSIUM: 30 SEPTEMBER – 2 OCTOBER MELBOURNE 2020

FINAL REPORT

NOVEMBER 2020



CONNECTED
CITIES -
- LAB

Melbourne
School of Design
The University
of Melbourne



bcsd australia

Banksia
FOUNDATION

A MORE GRASSROOTS APPROACH TO THE SDGS



Visualisation of keynote speaker Theresa Williamson’s framework for conceptualising the Sustainable Development Goals as a tree. SDG 16 – Peace, Justice, and Accountable Institutions acts as the “trunk” supporting the other SDGs that compose the “canopy.” She suggests the addition of 4 “root” SDG’s that “nourish” the UN-defined goals and provide a pathway for community-driven development. See “Keynote Overview” of Theresa Williamson’s session for more information.

Image: illustration adapted by Ariana Dickey from Theresa Williamson, Catalytic Communities. (used with permission)

Editors: Cathy Oke, Judy Bush and Anna Hurlimann

Authors: Olivia Bloch, Judy Bush, Manasi Chopdekar, Christa Cowell, Jacqueline Marie Darwis, Ariana Dickey, Lianxin Fan, Anna Hurlimann, Aurora Jin, Natasha Manawadu, Kate Murray, Spencer Nash, Cathy Oke, Julia Oleinikov, Darshil Parikh, Emily Pennell, Sheikh Zarin Tasnim, Alexandra Whitmore, Jiazhen Xu, Yuhong (Annie) Yang, Amber Young.

Published by Faculty of Architecture, Building and Planning (Melbourne School of Design), University of Melbourne, 2020.

Suggested citation:

SDGs, Climate Change and Cities Symposium (2020) SDGs, Climate Change and Cities Symposium - Final Report. C. Oke, J. Bush and A Hurlimann (eds). 82pp. Available at: <https://msd.unimelb.edu.au/sdg-cities>.

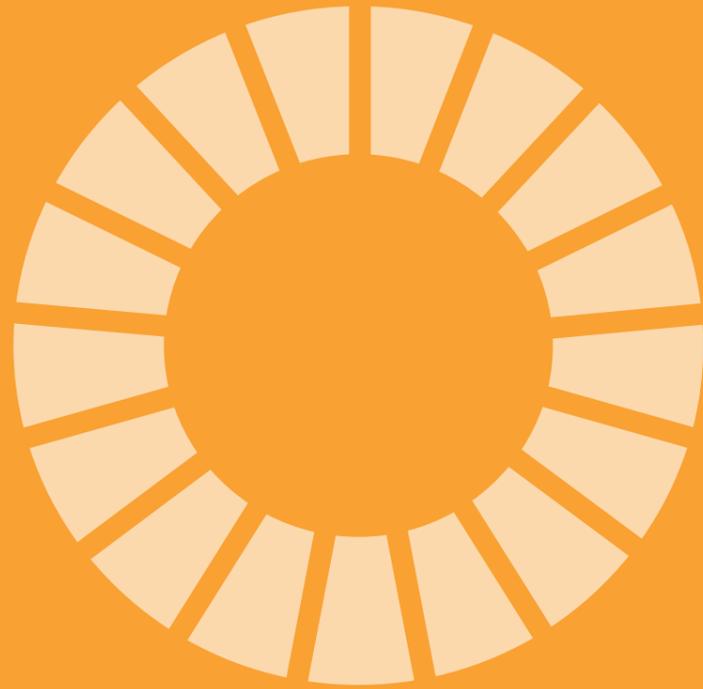
Acknowledgement of Country

The Faculty of Architecture, Building and Planning and the University of Melbourne acknowledge the traditional custodians of the lands on which this meeting took place, which may be multiple lands given the locations of attendees. We pay our respect to elders both past and present and extend that respect to other Indigenous Australians present.

Acknowledgements

There are many people we would like to thank. Firstly, our colleagues in the Faculty of Architecture, Building and Planning for trusting us with this year’s Symposium, and all the support from JT Production Management and the ABP events, communications, marketing and exhibitions team. We also thank the Connected Cities Lab and their SDGs Cities Challenge project team, and the city participants for sharing their knowledge and enthusiasm. To all of the speakers, session hosts and contributors, we thank you for making yourselves and your expertise available for our delegates, during a particularly challenging time facing COVID-19. Finally, we thank our student ambassador group, through support from the Faculty and the New Student Precinct, for helping with event management, facilitation and capturing the discussions. Their reflections are published in this report as well as a number of other publications and articles.

The authors have sought to ensure the accuracy of the material in this document, but they, nor the Faculty will not be liable for any loss or damage incurred through the use of this report.



CONTENTS

Introduction	8
SDGs Cities Challenge and Pre-symposium workshops	10

SESSION SUMMARY REPORTS

Indigenous Perspectives on SDGs, Cities and Climate Change	16
SDGs and Cities	18
SDGs, Urban Planning for Equity and Climate Resilience in our Cities	20
SDGs, Building Cities for Health and Wellbeing of People and Nature	22
SDGs, Cities Acting on Climate Change, Encouraging a Circular Economy	24

BREAKOUT SESSION REFLECTIONS

SDGs Cities challenge	28
Localising the SDGs	29

Final words	31
Symposium Program	33
Speakers and Panellists	41
Arup Workshop Report	62
Viewer Insights Data	78
Acknowledgements	80

**SDGS CLIMATE CHANGE AND CITIES SYMPOSIUM
VIRTUAL GROUP PHOTO**



image: Group Photo, delegates at Symposium via Photobooth

INTRODUCTION

How can our future cities be more sustainable, healthy and liveable? And what do we need to do now to navigate towards these visions for the future? After more than 6 months of a global pandemic, these questions took on added dimensions, and perhaps even more urgency. The 2020 ABP symposium provided us a timely and important opportunity to sit, listen and interact with some of the world leaders in sustainable development. Over three days we discussed what had been hoped for cities of the future from the United Nations Sustainable Development Goals (SDGs), and what those cities of the future now may look like as a result of Covid 19. There is hope, optimism and a lot of hard work to achieve what those goals set out to do.

We designed this year's ABP Symposium to follow in the footsteps of the two fabulous Symposiums that went before us – listening to and working with the design knowledge from Indigenous custodians of our cities (2018: Go Back to Where You Came From - Past | Present | Future | Indigenous Design Symposium) and fore fronting the strong women leaders in urban practice (2019: Transformations: Action on Equity Symposium9) – to continue a focus on unpacking solutions for sustainable development in our ever growing cities.

This year's symposium was held across three days in September and October 2020, with an additional 2 day pre-symposium intensive workshop, making for a five day event. The virtual workshop and symposium format provided a platform for 773 delegates to listen and interact with some of the world's leading voices in urban sustainability and action on climate change, including case studies of responses to the COVID-19 pandemic. It featured pre-recorded keynote addresses and responding interactive panel discussions, interactive workshop sessions, breakout rooms and opportunities for delegates to connect together across time zones, disciplinary and research boundaries. The summit showcased the role cities and their urban partners are playing in implementing the SDGs. The breakout sessions were divided into 2 two parallel streams focusing on City Partnerships and on Localising the SDGs. The first stream, City Partnerships brought together the 2020 SDGs Cities Challenge partners and participants to discuss their sustainable development challenges and how they are approaching their ongoing discussions with solution providers in academia, business and government. The second stream, Localising the SDGs, was designed as a series of short snapshots on key topics for engagement in the SDGs.

The Sustainable Development Goals, Climate Change and Cities Symposium allowed an excellent platform for all urban actors – from academia, business, industry, civil society and government (students and professionals), to look at partnering across disciplines and jurisdictions to deliver just, safe and climate resilient cities. We were delighted that so many - joined us - virtually! - over the five days - and that the recorded sessions will be available publicly as an important ongoing educational tool.

Image: Event curators with Event MC Marley Holloway Clarke, Event student ambassador Ryan O'Callaghan and ABP Dean Julie Willis

ABOUT THE ABP SYMPOSIUM SERIES

The ABP Symposium is an annual opportunity to highlight the research capacity, leadership and activity of Faculty of Architecture, Building and Planning staff – its multidisciplinary perspectives reflective of the scope and depth of the ABP research community. By connecting with the core themes of the ABP strategic plan as a dynamic and distinctive destination providing world class teaching and research, the Symposium offers a celebration of our achievements but also a chance to lead conversations, and position our research within the context of global discourse about the natural and built environments.

In addition to celebrating our research, the Symposium is a valuable mechanism through which to bridge research and teaching with industry and government. As such, it is important that the Symposium content reflect real-world issues and themes and strive to build connections with a diverse range of external partners and stakeholders.

Furthermore, in support of the University and ABP's commitment to supporting diversity and inclusion, the Symposium must also aim to ensure a fair and equitable selection process which allows for diverse content and novel forms of communication and engagement.

First launched in 2018, our Faculty has already supported two symposiums prior to 2020:

2018: Go Back to Where You Came From - Past | Present | Future | Indigenous Design Symposium

2019: Transformations: Action on Equity Symposium

In 2020, the annual symposium was for the first time delivered as a virtual symposium, as the global COVID-19 pandemic halted international travel, and the host city Melbourne was under 'lockdown' orders which prevented a face-to-face experience. Originally planned as a physical conference, we are proud that with the enormous effort from so many, our virtual Symposium still achieved our original objectives, albeit via our computers, not in-person. Not negating the issues of connecting during lockdown, there were positive benefits towards the ABP Symposium objective of being accessible. Our online format and low price point provided for over 400 students from 83 Universities globally to join this event. We also engaged 34 University of Melbourne students to join the event management, facilitation and writing teams. There were two other key elements to the success of this first online Symposium - our fabulous MC for the event - Marley Holloway Clarke, Project Officer, Murrup Barak, Melbourne Institute for Indigenous Development and the exceptional production team in JT Productions who pivoted us from in-person to online effortlessly.



SYMPOSIUM STATS ON A PAGE

DELEGATES

773

Delegates

25

Countries

80%

Australian

350

Delegates are **architects, designers, consultants, NGOs, local government, state government, arts organisations**

PARTICIPATING UNIVERSITIES

83

Academics and professional staff

400

students

Disciplines/departments/courses include:

50%

Architecture, Building and Planning or similar

13%

Arts, Humanities, Social Studies

8%

Science

6%

Engineering

and the remaining from **Health, Education, Law, IT, Business, Economics**

ATTENDANCES

66

Attendees pre-symposium workshops on **Monday**

61

Attendees pre-symposium workshops on **Tuesday**

773

Registered symposium **delegates** 30 September - 2 October

Attendance 30 September - 2 October

448

InEvent

248

YouTube Keynotes

WEB

246

Downloads of **Conference program**

861

Unique users and number of visits and to **SDGs Cities Website** in the **week** of the event (27 September to 2 October)

3,576

Unique users and number of visits to **SDGs Cities Website** from **launch** (June 30) to 2 October

SDGS CITIES CHALLENGE, AND PRE-SYMPOSIUM WORKSHOPS

The Connected Cities Lab is working with the Business Council for Sustainable Development Australia and Banksia Foundation to understand the best approach for cities to deliver on the SDGs through a participatory action research project – the SDGS Cities Challenge. The participant cities in the SDGS Cities Challenge have been working to develop their own response to localising the SDGs, while developing solutions and implementation plans with a focus on SDG 11: Make cities and human settlements inclusive, safe, resilient and sustainable, using an initiative or project to which they are already committed. Solutions have been developed via a collaborative process, using knowledge and practical expertise from academia, business, civil society and local government via a series of webinars and workbooks. This process has offered each city the opportunity to take meaningful steps towards the creation of an implementation plan for their challenge, and/or a Voluntary Local Review (VLR) aligned to the SDGs. Their work to date was presented at the SDGS Cities Challenge Symposium in one of the two breakout session streams, and in two pre-symposium workshops with invited experts from academia, industry, NGOs and government..

In the lead up to the SDGs, Climate Change and Cities Symposium the SDGS Cities Challenge participants participated in two in-depth day long discussion workshops facilitated by ARUP and UNESCAP; coordinated by the SDGS Cities Challenge project coordination team.

On Monday 28 September, ARUP facilitated a series of “one on one” interactive sessions for each of our 10 SDGS Cities Challenge cities, to dive deep into solutions for the challenges the cities have been working on since May.

The select group of 66 experts, covered these city challenge topics using Miro boards and Zoom::

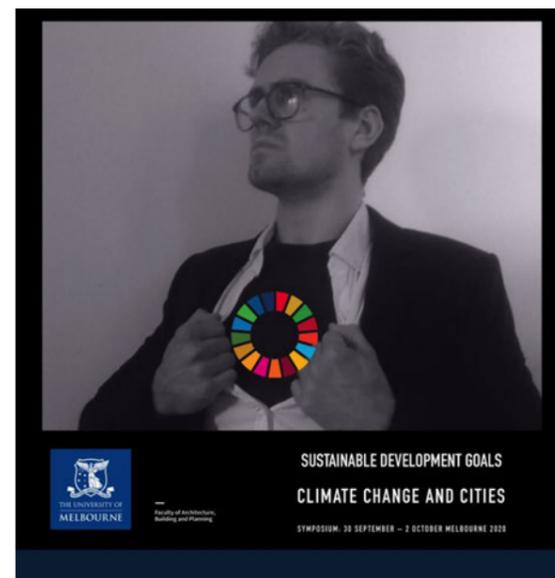
- Use of SDG targets and indicators to track and understand how cities are adapting to climate change impacts.
- Planning urban communities to provide access to safe and affordable child-friendly mobility systems.
- In developing university campuses, can we more meaningfully connect local action with global sustainability issues using a localisation of the SDGs?
- Find ways to effectively measure, report and track the impact of climate change and adaptation programs in urban development within the city.
- Develop a robust sustainable procurement process that measures the whole life-cycle sustainability of goods and services procured, incorporating an effective assessment and monitoring system.
- Set community emissions reduction targets and develop a strategy to meet these targets.

See link for full SDGS Cities Challenge Snapshots: <https://sites.research.unimelb.edu.au/connected-cities/projects/sdgs-cities-challenge>



On Tuesday 29 September, UNESCAP and the Connected Cities Lab lead an in-depth discussion on unique ways to communicate and engage internal and external stakeholders in the SDGs, as well as stepping further along the Voluntary Local Review (VLR) process, that some of our cities have already started.

A select group of 61 experts from academia, industry, NGOs and government participated to lend their support to the cities through the discussions, which were facilitated through Zoom and Miro discussion boards.



SDGS Cities Challenge Project Coordinator, Thomas Jacobs

REFLECTIONS FROM PRE-SYMPOSIUM WORKSHOPS

By Manasi Chopdekar, Sheikh Zarin Tasnim, Jiazhen Xu, Amber Young, Yuhong (Annie) Yang, Julia Oleinikov

Having only learnt about the SDGs quite recently it was interesting to see that this was also a fairly new idea to some of the professional audience members too. The concepts themselves (of promoting sustainability, safety and equity amongst other factors) are nothing new so it was fascinating to see how each group used their expertise to discuss sustainable development pertaining to the city challenges, regardless of knowing much about them.

This idea really came through when comparing the countries where the SDGs had been embedded into local knowledge - with the assertion voiced that there's a distinct difference between **'knowing'** and **'doing'** (Martin Brennan, UniMelb Research Fellow) - and that what should matter most is not how many are aware of the goals - but rather what each country is actively implementing into their policies and attempting to achieve. The workshops emphasised that understanding and localising the SDGs is less about adopting a new framework or different approach to sustainability, and more about joining up an organisation or communities existing expertise, data and

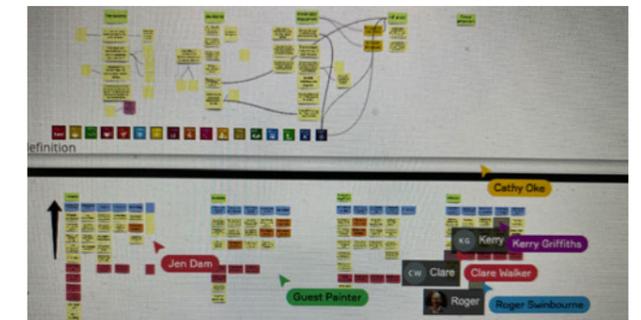
capability to identify gaps, and to identify connections for a more holistic approach.

There was an emphasis in the discussion on both days of the importance of bringing youth to the forefront: as they tend to learn and understand these notions of acting on issues (like climate change) quite naturally. Meanwhile, it is the adults who must adapt their existent knowledge to these new ideas (which again, aren't NEW, they have just been framed in a new way and actualised.

This was voiced quite nicely by Stuart Henshall (SDSN Youth), in that young people typically have a lot of anger at the state of the world that has been inherited and that the SDGs provide a platform to channel this. The importance of incorporating SDGs at the local level through proper engagement process, was really highlighted through the workshops. Cities should be experts at this since councils tend to have a higher level of engagement with citizens, including youth, and would be more in tune to the needs of the community.



MiroBoard plenary visualisations



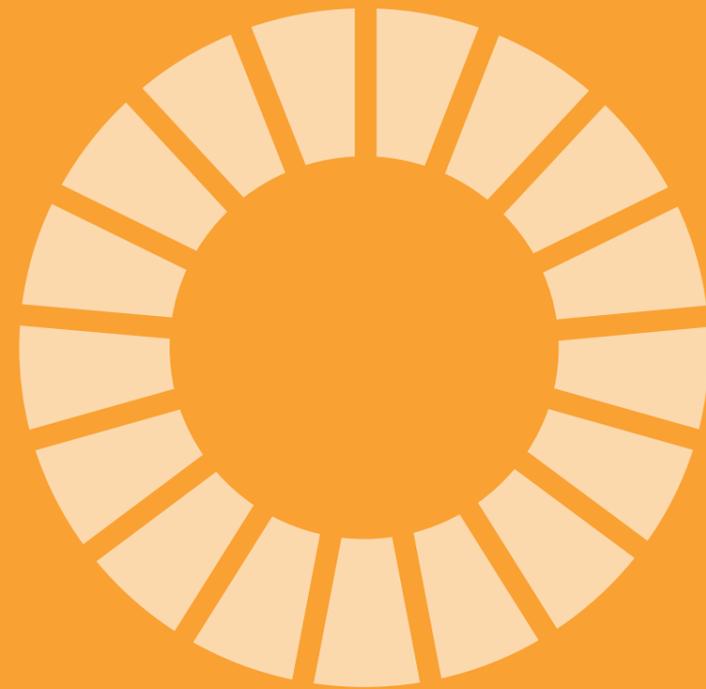
Pre-Symposium Workshop Participants Day 1

SDGS CITIES CHALLENGE PARTICIPANTS MAP



Map credit: Alexei Trundle, Thomas Jacobs, Connected Cities Lab

SESSION SUMMARY REPORTS



INDIGENOUS PERSPECTIVES ON SDGS, CITIES AND CLIMATE CHANGE

By Natasha Manawadu, Jacqueline Darwis, Manasi Chopdekar and Qianying Jin

SDGS AND CITIES

By Olivia Bloch, Emily Pennell and Zarin Tasnim

SDGS, URBAN PLANNING FOR EQUITY AND CLIMATE RESILIENCE IN OUR CITIES

By Christa Cowell, Ariana Dickey and Julia Oleinikov

SDGS, BUILDING CITIES FOR HEALTH AND WELLBEING OF PEOPLE AND NATURE

By Annie Yang, Amber Young and Jiazhen Xu

SDGS, CITIES ACTING ON CLIMATE CHANGE, ENCOURAGING A CIRCULAR ECONOMY

By Darshil Parikh, Lianxin Fan and Alexandra Whitmore

INDIGENOUS PERSPECTIVES ON SDGS, CITIES AND CLIMATE CHANGE

By Natasha Manawadu, Jacqueline Darwis, Manasi Chopdekar and Qianying Jin

<p>KEYNOTE: Hans P Bokelund [Darumbal/Turrbal] Director Aboriginal Melbourne, City of Melbourne</p> <p>MODERATOR: Marley Holloway-Clarke [Njama] Project Officer, Murrup Barak, Melbourne Institute for Indigenous Development</p>	<p>PANELLISTS: Jefa Greenaway [Wailwan Kamilaroi] Faculty of Architecture, Building and Planning and Principal Architect, Greenaway Architects</p> <p>Stacie Piper [Wurundjeri] Dja Dja Wurrung, Ngurai-Illam Wurrung First Nations Curator Yalingwa Djirri Djirri Dancer, Chairperson Victorian, NAIDOC Committee</p>
---	--



KEYNOTE OVERVIEW

Hans P Bokelund, Director Aboriginal Melbourne, City of Melbourne, keynote presentation highlighted one of the most pressing challenges facing cities today - inequality. The Black Lives Matters protests happening locally and globally attest to the fact that citizens expect for no one to be left behind. To understand Indigenous perspectives on the UN’s Sustainable Development Goals (SDGs), we must recognise and address the consequences of colonisation, and its lasting and continued impacts on the well-being of Indigenous peoples. While Indigenous peoples constitute “5% of the world’s population, they are 15% of the world’s poor and 33% of the world’s 900 million extremely poor”.

“Indigenous peoples make up 5% of population, protect 80% of worlds biodiversity, sustainably manage 50% of land but own only 10%”. - Hans P Bokelund

There is thus a need to close the gap in well-being outcomes for Indigenous communities globally. Although the SDGs represent a vast improvement on the Millennium Development Goals, are the SDGs enough from an Indigenous perspective, or perspectives? To Hans, “The answer is no”. There still needs to be better incorporation of Indigenous knowledge(s) and priorities, in order to achieve the goal of “no one left behind”.

PANELLISTS’ RESPONSES:

There was a consensus amongst the panel that the colonial roots of Australia’s cities must be addressed in order for the SDGs to be meaningfully engaged with, and to leave no one behind. As Stacie aptly phrased it, how can we get to the root of the cause, rather than continuing to treat the symptoms? To Hans, inequality is socially created; the fundamental inequalities of colonisation -- which created Australia’s cities -- must therefore be addressed. This is crucial to giving Indigenous communities “a seat at the table” and wider public recognition in Australia’s urban landscape, as Jefa highlighted.

“We can’t shy away from the fact that Indigenous design is a political act because it will reveal difficult truths. It will reveal layers of history and memory that are uncomfortable”. - Jefa Greenaway

Jefa also highlighted that understanding Aboriginal cultures is “a continuous learning process”. The first stage of this learning process is recognising the diversity of Indigenous cultural values and knowledges, and recognising that Indigenous systems are complementary to the western knowledge. Stacie built on this, stating that the next stage is advocating for Aboriginal values and knowledge. Centring Aboriginal voices when discussing their diverse arts and cultures is also an essential part of being true allies to Indigenous communities. As Jefa aptly suggested, another dimension of ally-ship lies in building our own capacities to engage in constructive conversations with Indigenous and non-Indigenous groups about the need to recognise Indigenous values and knowledges. This involves upholding the shared responsibility of truth-telling, by countering ignorance and prejudice.

Aboriginal peoples and knowledges are yet to be fully acknowledged by Australia. Instead, as phrased by Jefa, Indigenous knowledges are ‘muralised’ or ‘museumised’. This is underpinned by the fact that Indigenous people still face barriers to participating in wider society-shaping conversations. The City of Melbourne is making an effort to undertake systemic change and fully include Indigenous communities through Goal 9 of the Future Melbourne 2026 plan, ‘A City with an Aboriginal focus’. This systemic approach will facilitate the appreciation and incorporation of Indigenous knowledges in various city strategies, for example land maintenance.

Agency and participation are key to breaking down deep-rooted inequalities which marginalise Indigenous communities. Jefa’s impactful proclamation, “not about us without us”, really sums up the need for a truly collaborative approach to engaging with Indigenous people. More broadly, cities are diverse and are home to people of all different backgrounds. Their voices and opinions are essential to developing a truly sustainable future.

Hans summarises this, stating that it is critical to understand that public participation is about empowerment, rather than “just ticking the box”.

DISCUSSION

It is important to understand our history in order to envision our futures. Han’s keynote address and the panel discussion on Indigenous perspectives highlights how much of Australia’s Indigenous history we have yet to meaningfully comprehend. One of the outcomes of settler-colonialism in Australia is the conceptualisation of Indigeneity as a monolith. This could not be further from the truth; applying a one-size-fits all approach to engagement and service provision with Indigenous communities will not suffice in ensuring the SDGs’ aim of leaving no one behind. As Stacie phrased it, “bureaucratisation is a form of colonisation”. Our normative governance frameworks must radically shift how they understand and engage with Indigenous people, in order for engagement to be meaningful, and to prevent the continued perpetuation of the very settler-colonial logics which disadvantage Indigenous communities. The inclusion of Aboriginal voices needs to go a step further and enthusiastically engage Indigenous people in the shaping of our environments. As Stacie states, ‘we are all intrinsically connected to nature, being part of this planet, and we are all responsible for caring for Country’. In order to be true allies, non-Indigenous people must strive to understand Indigenous values, and raise awareness of the cultural protocols which respect rather than appropriate Indigenous knowledges and design. Our responsibility as allies to Traditional Owners requires us to challenge societal attitudes which sideline Aboriginal knowledge in design and planning strategies. Advocacy and education are also necessary to fundamentally include Indigenous value systems in our governance frameworks. As Traditional Owners, Aboriginal people hold millennia’s worth of knowledge on sustainable land practices. Even today, Indigenous communities globally manage 80% of the Earth’s biodiversity. Hence, there is an opportunity to incorporate ancient Indigenous knowledge systems in our

efforts to tackle climate change. The incorporation of traditional Indigenous practices such as cultural burning in Australia’s bushfire management strategies highlights the importance of Indigenous knowledges. Additionally, cultural sensitivity enables us to meaningfully engage with all communities and ensure that no one is left behind. It is vital that different perspectives are heard, and society respects the importance of Indigenous knowledge systems. Finally, to work towards a shared goal, we need to meaningfully include Indigenous communities in the conversation, and truly work towards understanding and respecting their cultures, values and heritage.

CONCLUSIONS

To implement the SDGs, governments need to engage different stakeholders more meaningfully. Indigenous communities must be actively involved and their knowledges must be incorporated into city-shaping processes, in order to successfully combat climate change across social, cultural, environmental and economic dimensions. For this to happen, colonisation’s impacts need to be acknowledged. Decolonisation is a process, and part of that is understanding that learning about the diversity of Indigenous cultures and knowledges is an endless journey. It is not just the responsibility of Indigenous communities to advocate for Indigenous issues. Non-Indigenous allies must play their part, and advocate for the inclusion and agency of Indigenous communities in Australia and globally.

SDGS AND CITIES

By Olivia Bloch, Emily Pennell and Zarin Tasnim

<p>KEYNOTE:</p> <p>Penny Abeywardena Commissioner, NYC Mayor's Office for International Affairs</p> <p>MODERATOR:</p> <p>Michele Acuto Director, Connected Cities Lab, University of Melbourne</p>	<p>PANELLISTS:</p> <p>Director General Chingyu Yao City of New Taipei</p> <p>Tony Pipa Senior Fellow, Global Economy and Development, Brookings Institution</p> <p>Roger Swinbourne Associate Principal, Arup</p>
--	---



OVERVIEW

Penny Abeywardena, Commissioner NYC Mayor's Office for International Affairs, highlighted the importance of city action for sustainability and emphasised that SDGs embed the principle of 'leave no-one behind'. The SDGs provide a powerful international cross-city framework. In her keynote address, Penny also highlighted COVID-19 as an example of the need for global collaboration and leadership. However, localised human equity was also highlighted as being an essential bridge that we must first cross in order to achieve these worldwide, larger-scale goals.

Roger Swinbourne, Australasian Sustainability Lead at Arup, focused on how the SDGs are both a common language and consistent framework for exchanging best practices between cities. Roger also focused on actors recognising the need to manage sustainability in terms of accountability and materiality. Referring to his consultancy experience, Roger suggested that if governments wish to build things that will prove to be valuable over time, they need to consider the sustainability opportunities and resilience risks in the planning process. He further acknowledged that there is a challenge to forecast what is needed for a better future, and that the SDGs will help leverage that process.

PANELLISTS' RESPONSE

Chingyu Yao, Director General (DG) for New Taipei City, responded by emphasising the importance of international partnerships, particularly for Taiwan as it is not a member of many international organisations. For New Taipei City, incorporating the SDGs into the city's vision has been a new experience, and so far, a rewarding journey. DG Chingyu Yao also highlighted that Taiwan's COVID-19 experience has been minimal due to its preparedness and resilience building following SARS. Questioning whether Taiwan is now missing an opportunity to prepare for the next pandemic, DG Chingyu Yao stressed that there is a need to continue building resilience, and to resist complacency. She believes this can be achieved by strengthening existing international partnerships in addition to expanding their number.

DISCUSSION POINTS

The panellists' discussions picked up and explored a number of threads related to SDGs and the roles of cities:

- **Bottom up approach:** The highlight for all the panellists was how local government and communities need to be included in the implementation of SDGs to build a sustainable city. The panellists all agree that local leaders are at the forefront of tackling these global issues, as they are closer to the community and can transform the SDG framework into solid, specific and relevant indicators. Penny Abeywardena highlighted that New York is including youth and several other major demographics and ensuring they can contribute to the development of the city alongside the local government. Others also highlighted how important involving the local government can be as they are able to identify the key stakeholders and involve them in the developmental process of the city. Local governments can provide local reviews to make the SDGs coherent, concentrated and relevant for their own communities.

Tony Pipa, senior fellow in Global Economy and Development at the Brookings Institution, drew parallels between the SDGs and COVID-19 by highlighting the importance of local government in leading the response to a global challenge. Citizens rely on local governments for the whole breadth of SDGs as they are the level of government that is closest to people and have the potential to turn wide-ranging aspirations into specific solutions for people at the local level. Noting that equity is at the centre of sustainability, Tony emphasised that the SDGs allow us to think about long term community viability in a way that is fair, just and equal.

CONCLUSIONS

COVID-19 has proven the extent to which cities are on the frontline, leading the beginning of the response to global challenges. The *SDGs and Cities* session underlined the potential of the SDGs in creating a bonding framework of international partnership, and identifying growth opportunities throughout different countries and cities. While climate sustainability and resilience — both complex issues — can be interpreted in different ways by different international systems of governance, SDGs can provide clarity and a transcendent platform to create a common language in order to provoke proactive conversations. It is now, in the midst of COVID-19, that we must use this as an opportunity to upgrade and prepare ourselves for future global challenges.

- **From Local to Global:** DG Chingyu Yao highlighted that SDGs are a good framework to be used as a reference by cities all over the world to make a global impact even though they differ in religion, culture and other aspects. Penny Abeywardena highlighted that sharing policies and ideas between cities would help them develop better. The panellists all emphasize that the cities can learn from one another in terms of implementation of the SDG framework and the results they achieve. Utilising the 'voluntary local review' (VLR) process provides a shared language and format through which cities can share their local knowledge and collaborate towards meeting the SDGs.
- **The relationship between urban and rural:** As Tony Pipa highlighted, SDGs also create a common platform between the local governments of cities and rural areas. Rural areas, as well as urban, have issues of sustainability which can be addressed together, integrating the ideas of local governments from different contexts, regions and countries. Panellists also discussed the influence of technology in this developmental process. The panellists pointed out that even though technology can sometimes be seen as a drawback or hindrance in how sustainability is addressed, it can be useful in contributing to efforts for accountability and transparency.

The *SDGs and Cities* session also highlighted the intrinsically linked nature of social equity, even at a localised level, in being an integral pillar of globally connected issues. It is paramount to empower local governments and individuals alike to take action on the embedded entanglement between environmental challenges and localised inequalities. In order to meet these global-scale challenges, addressing local issues must be done first, and these bottom-up perspectives are only successful when the broader frameworks like SDGs can be focused and concentrated towards their communities.

SDGS, URBAN PLANNING FOR EQUITY AND CLIMATE RESILIENCE IN OUR CITIES

By Christa Cowell, Ariana Dickey and Julia Oleinikov

<p>KEYNOTE: Theresa Williamson Executive Director, Catalytic Communities, Brazil</p> <p>MODERATOR: Stephanie Butcher Research Fellow, Connected Cities Lab, University of Melbourne</p>	<p>PANELLISTS: Anna Hurlimann Associate Professor and Assistant Dean Diversity and Inclusion of the Faculty of Architecture, Building and Planning</p> <p>Shipra Narang Chief, Urban Practices Branch (OIC) and Global Solutions Division, UN-Habitat</p>
---	--

KEYNOTE OVERVIEW

Theresa Williamson’s keynote presentation challenged our assumptions about sustainable cities by reshaping how we might value informal settlements, like the favelas in Rio De Janeiro - the central site of her work as founder of the NGO *Catalytic Communities*. As a city planner, Theresa highlighted how the favelas naturally possess sustainable qualities desired by contemporary city planners, such as affordability, mixed use, low-rise, high density, walkability, and vibrant communities. Theresa proposed four new additional SDGs not yet covered in the UN’s original framework, as illustrated on page 3 of this report: 1) roots and belonging; 2) community control and autonomy; 3) direct channels to government; and 4) fair and nuanced media representation. Empowering the most vulnerable communities in our urban environments to make change was a popular catch cry at the symposium – ‘we are only as strong as our most vulnerable!’ – placing equity on equal footing with the environment when planning for climate change and sustainability.

PANELLISTS’ RESPONSES

Panellists Stephanie Butcher (Connected Cities Lab), Anna Hurlimann (University of Melbourne), and Shipra Narang Suri (UN-Habitat) responded to Theresa Williamson’s keynote presentation. Each panellist brought different yet complementary contributions to the discussion. Stephanie highlighted the tension between the universality of the SDGs’ agenda and the specificities of place for how the universal agenda could be localized. She noted that grounding the SDGs in community action will bring an additional layer to the global agenda and emphasised the importance of rootedness and belonging. Anna connected the favelas in Rio to Australia’s coastal-rural communities, where she conducts her research, by noting that greenhouse gas emissions are shared globally. She pointed out that some countries, such as Australia, are responsible for disproportionately larger amounts of greenhouse gas emissions and therefore should be accountable for aiding those who are more vulnerable to impacts and have less ability to mitigate and adapt to climate change. She highlighted that places are “only

as strong as our most vulnerable” and that while traditionally, urban planners “look to the past to better plan for the future”, climate change makes this impossible. Instead, “we need to look to the future” to ensure current actions don’t increase vulnerability of future generations. Finally, in Shipra’s response, she noted that informal settlements often have many of the qualities that urban planners strive to achieve, such as walkability, mixed use, and affordability, and yet this fact typically goes unrecognized. She also foregrounded the importance of multi-level collaboration, underscoring that “no city is an island, no community is an island” and there needs to be alignment between communities, city planning, and national governance. She closed by noting that it is absolutely critical to mobilise large-scale finance to reach communities so they won’t remain on the fringes.

DISCUSSION POINTS

Those in informal settlements have been oppressed throughout history and traditionally seen as ‘less than’. When reflecting on the perceptual shift that has occurred over the last 20 years, Theresa noted that residents of such communities now possess an increasing amount of self-confidence in their identity and rights. Echoing the sentiment heard throughout the symposium that places equity at the heart of sustainability, the panel asserted that local communities can influence and enhance their own socio-economic conditions through voicing their concerns and negotiating with more influential actors.

This shift has not exclusively arisen from within the communities themselves but also externally. The panel acknowledged the merit in listening to the needs of the community, rather than simply assuming what these needs might be. Each panellist highlighted a requirement for further action to be undertaken in order to position the communities themselves as the experts in driving change.

A key component of this is building trust within local communities, whether this be in the context of integrating academic research or inclusion in policy strategies.



Anna discussed the need to bridge the divide between academics, decision makers and the public. Shipra used the example of the transition from the Millennium Development Goals (MDGs) to their replacement by the Sustainable Development Goals. The MDGs excluded informal settlements from sustainability targets. In contrast, the Sustainable Development Goals, and particularly goal 11, reframed sustainability in a multifaceted and holistic way. This makes it more reflective of, and applicable to, the experiences of informal

“No city is an island, no community is an island”

SHIPRA NARANG SURI

communities.

The panel also discussed the highly influential nature of social media, and its dual role in amplifying and distorting information. Shipra noted that public interest tends to be dominated by the values of the middle class and the global elite. The rise of social media brings a wealth of easily accessible information and provides an engaging platform for marginalised (and especially young) voices. However, the oversaturation of fake news and media manipulation highlights inequalities across media education. Theresa highlighted that those who are undereducated may lack the ability to critically assess the information being presented to them. Therefore, this area of media distortion throughout communities is one requiring a higher level of intervention in order to help foster resilience.

CONCLUSIONS

This session provided a crucial broadening of the often heavily focused environmental agenda of climate change planning. It prompted attendees to look beyond the broad

approach adopted by centralized top-down city planning to understand the potential that is bubbling away in our regional or marginalized and disadvantaged communities who have demonstrated strength and resilience, qualities we need to tackle climate change. In the Australian context, we can draw a strong parallel here with our need to develop, expand and extend Indigenous agency and decolonize the traditional urban planning processes and procedures – a topic discussed in the previous Indigenous perspectives panel session. Citizens of informal settlements – or marginalized communities here in the Australian context – are more than passive beneficiaries of government aid. This panel advocated to first empower these communities through asset-based community development and finance partnerships and then promote their inhabitants as co-creators and valued contributors to the planning process. And by doing so we will diversify and strengthen our planning approach and ultimately produce more robust and sustainable solutions to climate change.

“We are only as strong as our most vulnerable!” – placing equity on equal footing with the environment when planning for climate change and sustainability.”

THERESA WILLIAMSON

SDGS, BUILDING CITIES FOR HEALTH AND WELLBEING OF PEOPLE AND NATURE

By Annie Yang, Amber Young and Jiazhen Xu

<p>KEYNOTE:</p> <p>Peter Rayner Acting Director, Climate and Energy College, University of Melbourne</p> <p>MODERATOR:</p> <p>Crystal Legacy Senior Lecturer, Faculty of Architecture, Building and Planning, University of Melbourne</p>	<p>PANELLISTS:</p> <p>Anne-Marie Pisani Senior Associate, Aspect Studios</p> <p>Karibaiti Taoaba Regional Director, Commonwealth Local Government Form Pacific</p>
---	---

KEYNOTE OVERVIEW

Peter Rayner, Acting Director of Climate and Energy College at the University of Melbourne highlighted the need for urban planners to apply cross-disciplinary approach when incorporating SDGs in the design process of shaping inclusive, safe, resilient and sustainable cities. He highlighted the importance of building healthy cities through mitigating the negative impacts of rapid urbanisation and excessive energy consumption, impacts which affect both the environment and citizens' mental and physical health and quality of life. He also advocated for the integration of biodiversity into the built environment by introducing urban forests, informed by scientific research, so canopy cover creates appropriate amounts of shade provision without causing stagnant air circulation or concentration of pollutants. Whilst some cities have established strategies for promoting environmental, economic and social vibrancy, the challenges of the ripple effects caused by the unintended actions remain. As a result, there is an urgent need to forge multi-sectoral partnerships between academia, practitioners, scientists, policymakers and community members to determine inclusive and clear interventions. Such multi-sectoral collaboration also provides opportunities for responding to other global challenges such as the impacts and opportunities created by the COVID-19 pandemic. Encouraging collective reflection is necessary to underpinning an exploration of the full potential of SDGs implementation in cities.

PANELLISTS' RESPONSES

The moderator, Crystal Legacy, and panellists Anne-Marie Pisani and Karibaiti Taoaba brought various life experiences and perspectives to their responses to Peter Rayner's keynote.

Crystal Legacy, a Senior Lecturer in the Faculty of Architecture, Building and Planning, related her research in politics of transport and mobility to Peter's discussion of calling for greater partnerships across academia and practitioners. She highlighted the role of the road as a land use occupying excessive amounts of space in cities, with, for example, 22% of land area in the United States being dedicated to roads. She argued that finding ways to build and engage with road spaces in a more inclusive and democratic way will decentralise the car and in turn, prioritise human and wildlife mobility. This can be done through forging and nurturing partnerships, as well as democratically determined interactions of evidence, expertise and technological solutions, as discussed by Peter.

Anne-Marie Pisani, a senior associate at Aspect Studios linked her interest in working with Indigenous knowledge in her approach to landscape architecture and discussing cross-disciplinary ways designers can drive positive outcomes. She raised questions of what a culturally safe space is and how urban environments respond to cultural identity. The idea of "Caring for Country" should spur a collaborative yet creative design process with Indigenous people leading the design response. Her key messages were to challenge existing boundaries through a bi-cultural lens by removing oneself to be empathetic to others, thus understanding their situation. Peter agreed with Anne-Marie, emphasising the importance of democracy and bi-cultural perspectives in cities with the idea of "win-win".

Karibaiti Taoaba, regional director of Commonwealth Local Government Form Pacific, brought a Pacific Islands perspective to the links between the effect of urbanisation on human health and wellbeing. She detailed how climate change is the main crisis for the Pacific Region, particularly sea-level change and reducing vulnerability of marginal settlements. She believes some SDGs implementation recommendations are too ambitious for smaller nations such as the Pacific Islands, and as such their perspectives need to be heard through the

“The problem we face, as people who want to make cities better, is to act and not be paralysed by the complexities we face”

PETER RAYNER



implementation of a specific regional SDGs response for the Pacific Islands. The key drivers of this response, according to Karibaiti, are the commitment of government leaders and funding. Peter responded to this by highlighting the need to develop sustainable cities that respect science but also the local voices within the city.

DISCUSSION POINTS

The panel discussion centred around four key aspects. Firstly, the idea of calling upon academia and practitioners to establish greater partnerships. How can we move forward together and establish a strong partnership to achieve goals? This relationship can also be called a strategic alliance, which is essential for achieving sustainable development goals. The main ways to achieve this are the active participation and support of regional leaders' collaboration with informal sector personnel, urban planners, scientists, etc., and the use of a multi-sectoral approach. This allows for the establishment of partnerships by strengthening interactions between different people and highlighting differing views of the city. Secondly, the idea of "win-win" was discussed. The discussion was centred around the idea of boundaries – who wins and who loses? For example, providing higher fuel efficiency for private cars may be a victory in the short term, however, will it prevent future possibilities for cities if it leads to increased dependence on cars? Along with this, the democratic issue of "winners and losers" from a bi-cultural perspective was discussed in terms of whose voices we should pay attention to and how we should pay attention to them, as well as who should decide the solution. Thirdly, the importance of Indigenous culture was considered. Integrating Indigenous People in the design process allows for passing on knowledge from ancestors and establishing partnerships. This is the way forward for future generations. One of the SDGs is the maintenance of natural and cultural heritage, emphasising cultural inclusivity. Cities can be designed with Indigenous knowledge and methods. The resilience demonstrated by Indigenous people in the interaction of the local environment has confirmed the relevance and effectiveness of the Indigenous culture on Australian urban

environments. At the same time, the discussion also raised the question of how to best utilise ancient Indigenous knowledge to help implement SDGs into an Australian context, as well as what rights Indigenous people have in the SDGs. Finally, sustainable development issues and related solutions for the Pacific region were discussed. Climate change is a major crisis threatening the SDGs for both the Pacific region and the world. Many cities and towns in the Pacific show that urbanisation has exceeded the authorities' ability to develop and maintain social and physical infrastructure. All cities adopt different strategies to implement the SDGs into their local contexts. Countries and organisations should establish more partnerships to achieve sustainable urban development strategies. All regions must work together to meet the challenges caused by urbanisation, including not only the concerted efforts of scholars and practitioners but also the establishment of a broader Pacific partnership.

CONCLUSIONS

The keynote and panel discussion raised several ideas that were both insightful and relatable to the panellists, and delegates. Fulfilling and localising the SDGs through various cultural lenses, including the developing countries' perspective, reinforces the importance of inclusive decision-making and partnerships. This links back to the central notion of SDGs, "leave no one behind". Some common local strategies, implemented in Melbourne, including the decentralisation of vehicles and prioritization of nature, wildlife and pedestrians, were also related to the current COVID-19 pandemic, triggering further reflection on shared transport and streets dedicated for people instead of cars. The detailed discussion on "win-win" approaches that suggested the necessity of identifying the potential "losers", can promote more inclusive strategies. The key takeaway from this session is that the establishment of multifaceted partnerships and advocating inclusive planning solutions can effectively address the urgent issues of rapid urbanisation with diverse perspectives and boundaries, which will ultimately shape the future of cities to progress towards sustainability.

SDGS, CITIES ACTING ON CLIMATE CHANGE, ENCOURAGING A CIRCULAR ECONOMY

By Darshil Parikh, Lianxin Fan and Alexandra Whitmore

<p>KEYNOTE:</p> <p>Claire Ferres Miles CEO, Sustainability Victoria</p> <p>MODERATOR:</p> <p>Brendan Gleeson Director, Melbourne Sustainable Society Institute, University of Melbourne</p>	<p>PANELLISTS:</p> <p>Patrick Cobbinah Lecturer in Urban Planning, Faculty of Architecture, Building and Planning, University of Melbourne</p> <p>Andrew Petersen CEO, Business Council for Sustainable Development Australia</p>
---	--

“The global conversation now is not to spend time convincing people of the issue. The global conversation today is to look forward. For this decade, we must spend every day, every week, every year taking decisive action”

CLAIRE FERRES MILES

KEYNOTE OVERVIEW

Claire Ferres Miles, CEO of Sustainability Victoria, argued that action is required now and that there is no time to wait if we want to make cities more inclusive, safe, resilient, and sustainable for the future. She emphasised the need for data in decision making, but insisted that this should not delay the initiation of community-led action. Throughout the presentation, she reiterated that engagement is key from both public and private sectors. The triple benefits of community action were also highlighted. The first benefit of community action is that individuals can act to directly reduce emissions in homes and businesses. Secondly, as people start to take action, they are more likely to support further action taken by governments. Finally, when community action is visible to others, it makes the action more socially acceptable whilst encouraging others to act too.

Ferres Miles outlined a number of government policies and programs that seek to tackle SDG 11, including the Victorian 10-year Recycling Victoria Policy, a new plan for waste and recycling, and four programs delivered by Sustainability Victoria: Healthy Homes; Community Power Hubs; Behavioural insight-led campaigns; and Zero Net Carbon Homes. All of these demonstrate the multitude of ways they are addressing SDG 11.

PANELLISTS’ RESPONSES

Responding to Ferres Miles’ keynote presentation, Patrick Cobbinah agreed that climate change is a global issue and urgent action is required to respond to it from all across the globe. However, Cobbinah suggested there are two issues we need to acknowledge. The first issue is that cities and countries across the world are not at the same level of socio-economic development. Developing countries in Pacific nations, Africa and South Asia have contributed less carbon emissions than developed countries, yet they will be some of the first and most greatly impacted by climate change. Cobbinah therefore went on to suggest that the SDGs must be localised and implemented relative to each country’s individual context. Whilst the skills of international experts and professionals should be acknowledged, it is vital to respect local strategies and diversity.

Andrew Petersen, CEO of Business Council for Sustainable Development Australia (BCSDA), suggested that the private sector within cities and many subnational governments are currently at the forefront of a transition to a sustainable and low carbon world. Responding to Cobbinah, Petersen emphasised that each of these cities has its own sustainability agenda and priorities to deal with local challenges. Throughout this process, “the private sector is critical for providing expertise, strategic approaches and financial capacity to deliver tailored sustainable solutions at local levels for global outreach”. By increasing the engagement of public and private stakeholders, we can “scale and accelerate solutions”, thereby achieving a more sustainable future. Additionally, Petersen asserts that taking advantage of the momentum spurred by this global



public health emergency will also support our efforts to better “prepare our cities for a warmer future and create healthy living spaces where people and biodiversity can thrive”.

Ferres Miles responded to the panellists’ reflections, recognising that ongoing data collection should not be used to justify delaying decisive action. Further, she concurred that every city in every country is in a different part of the spectrum of action and prioritisation of climate change. In response to this, governments must strengthen their bold aspirations and ambitions by embracing systemic change and understanding the barriers to action, including financial, cultural and social dimensions. Drawing on “behavioural economics and understanding the communities that we are working with and that we serve” will contribute to effective community-led, collective action.

DISCUSSION POINTS

“Reports suggest that 100 companies are responsible for a vast proportion of emissions. What can be done to hold these organisations accountable? How do we engage with them? Given their disproportionate contributions to emissions, why is individual action considered important?”

Panellists all responded to this question by highlighting that there can be no collective change without individual action. Petersen, while acknowledging the role that these businesses play, clearly expressed the BCSDA’s belief that all companies are driven by consumer demand. He was concerned that businesses and individuals are both looking to each other for action. Ferres Miles added to this by encouraging people to take action in their personal lives and engage in community and government initiatives. To move to a global perspective, Cobbinah discussed the complications of this in developing countries. He posited that where governments are more driven by profit than environmental concerns, voting for climate aware politicians is the most important step an individual can take.

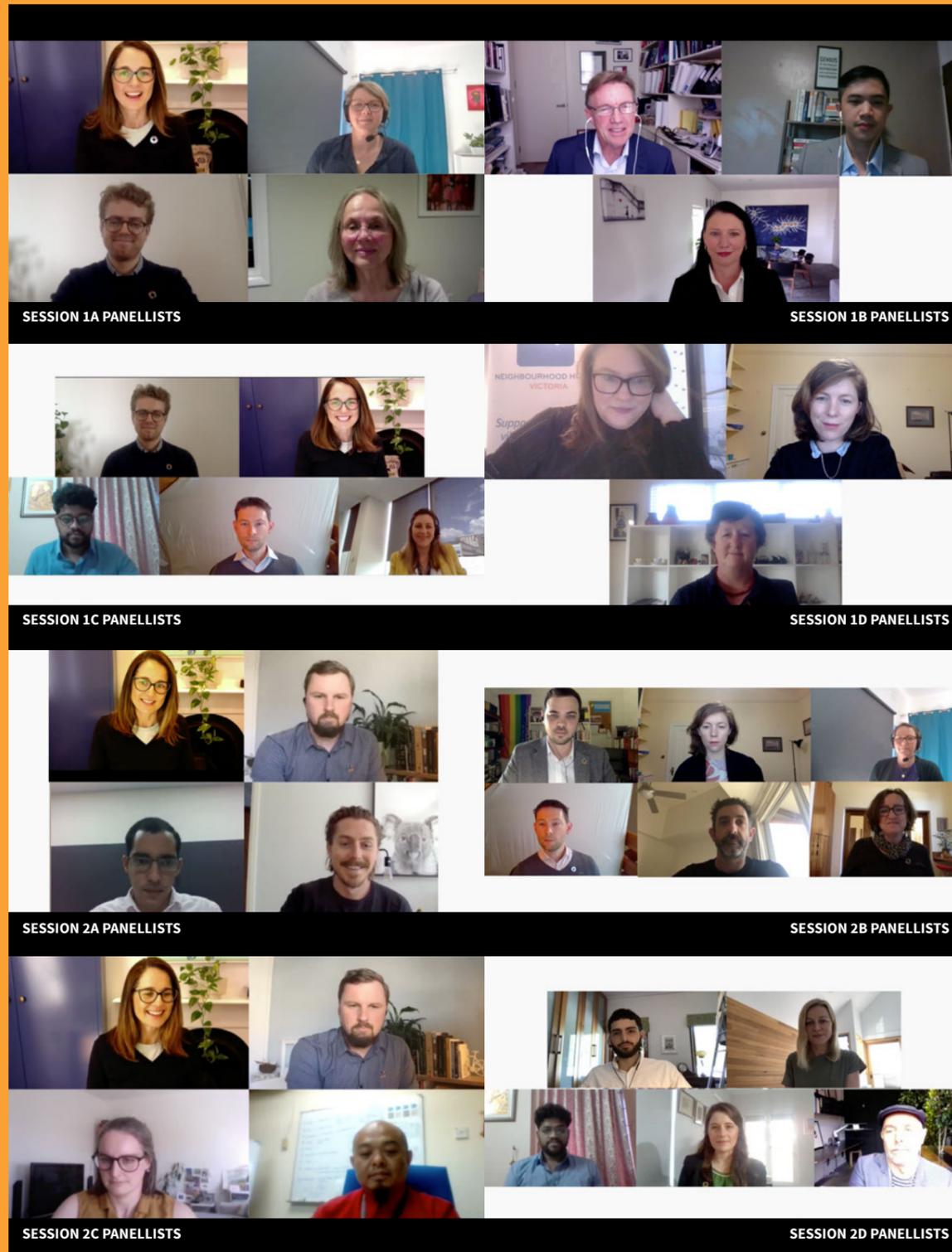
“Is a net zero carbon target enough? Should we be aiming for a net positive target?”

Contrary to the previous answer, the response to this query evoked support for greater support from overarching structures and governance levels, such as the Australian Federal Government. Petersen emphasised that government legislation is able to “force the hand of business” and creates an environment of integrated change. Cobbinah likened the required global measures to those put in place by governments in response to COVID-19. How might we harness this urgency to tackle less immediate, but far more critical, environmental issues? Ferres Miles went on to invoke SDG 17, suggesting that global challenges necessitate strong global and domestic partnerships.

CONCLUSIONS

This session, facilitated by University of Melbourne’s Brendan Gleeson, emphasised the need for ‘a decade of action’. This action must stem from both individuals and organisations in private and public sectors, incorporating community initiatives in developing and developed countries to mitigate barriers to climate action. COVID-19 has proven the value of simultaneous localised changes in facing global issues. As Ferres Miles emphasised, “the most effective action starts with grassroots community engagement, with a mindset of curiosity and respect, not with telling communities what the answer is”. Respectful collaboration and ongoing commitment is essential to mitigate and adapt to a rapidly changing climate.

BREAKOUT PARALLEL SESSIONS: REFLECTIONS



SDGS CITIES CHALLENGE

SDGS CITIES CHALLENGE CITIES, THEIR CHALLENGES AND PARTNERSHIPS FOR SOLUTIONS

By Alexandra Whitmore and Amber Young

LOCALISING THE SDGS

CONNECTING THE NATIONAL TO THE LOCAL

By Ariana Dickey and Spencer Nash

#RECOVER BETTER: PARTNERING FOR LOCAL SDGS IMPACT – LOCAL GOVERNMENT AND THE SDGS

By Spencer Nash

EMBEDDING SDGS IN ORGANISATIONAL PLANNING AND THE BUILT ENVIRONMENT

By Manasi Chopdekar, Spencer Nash and Jacqueline Marie Darwis

COMMUNICATION AND ENGAGEMENT WITH THE SDGS

By Ariana Dickey, Alexandra Whitmore and Spencer Nash

FINAL REFLECTIONS

Editors and Curators

BREAKOUT PARALLEL SESSION REFLECTIONS

SDGS CITIES CHALLENGE

The Connected Cities Lab is working with the Business Council for Sustainable Development Australia and Banksia Foundation to identify the best approach for cities to deliver on the SDGs through a new participatory action research project.

The participant cities in the SDGs Cities Challenge have been working to develop their own response to localising the SDGs, while developing solutions and implementation plans for a key urban SDGs target. Solutions are being developed via a collaborative process, using knowledge and practical expertise from academia, business, civil society and local government. This process offers each city the opportunity to take meaningful steps towards the creation of an implementation plan for their challenge, and/or a Voluntary Local Review (VLR) aligned to the SDGs.

The SDGs Cities Challenge is linking cities with urban experts in academia, business, civil society and local government in a structured process of co-design. This process has created innovative approaches for cities to accelerate action towards the Sustainable Development Goals, with a focus on SDG 11: Make cities and human settlements inclusive, safe, resilient and sustainable, using an initiative or project to which they are already committed.

Their work was presented at the Symposium, and delegates had the opportunity to participate in the discussions and deliberations as these cities prepare their responses to the SDGs.

SDGS CITIES CHALLENGE CITIES, THEIR CHALLENGES AND PARTNERSHIPS FOR SOLUTIONS

By Alexandra Whitmore and Amber Young

(AW) Combining the perspectives of City of Whitehorse as a local government and Anna Rubbo's work with communities made for an interesting discussion. I am particularly drawn to deliberation around how best to engage the community with these goals and Freire's point from the *Pedagogy of the Oppressed*. How can academics and experts have conversations that aren't manipulative or self-serving but genuinely engage with the communities' needs. I have recently been considering this in relation to mining developments around Australia and the support they offer to Indigenous Communities, which is denied by government. The issues of social inequality and environmentalism become very intertwined when mining companies are providing dialysis machines for community. I was also interested in the point made about youth and developing countries being more aware of the SDGs than developed countries, a colonial legacy of the MDGs that is difficult to escape. How might we consider alternate location specific local economies that support communities to move forward in environmentally sustainable ways? Should every Country follow the path of western society? Is it fair to say no? Is it environmentally disastrous to say yes?

The key ideas from this session are that education alone will not resolve the SDGs by 2030, and instead, there is a need to approach sustainability from both an educational as well as professional angle simultaneously. Additionally, establishing a shared language (between councils, communities, and businesses) is critical to advance the SDGs because it's not possible to monitor, evaluate, compare and prioritise without that common foundation. Finally, taking an equitable and engaged approach to implementing the SDGs is critical because communities will not be incentivised to participate and advance towards the goals. Professionals need to find a way to listen and connect the SDGs to the concerns of communities, to find an approach that is meaningful to both parties.

(AY) I found it very interesting the way in which 2 very different councils with different demographics are implementing the SDGs as a framework to improve their councils. It just goes to show how flexible the SDGs are in terms of implementation at both local government and global scale. It was also interesting to see the strategies the councils are implementing the SDGs with a very strong community focus, as well as the innovative ways they plan to engage the community that isn't "just another survey". It also shows how the SDGs don't just have to be implemented for sustainability, but also as a strategy to improve many other sectors, such as poverty and well-being.

BREAKOUT PARALLEL SESSION REFLECTIONS

LOCALISING THE SDGS

The Symposium's second parallel stream, 'Localising the SDGs', was designed as a series of short snapshots on key topics for engagement in the SDGs. Topics included SDG reporting, from national to local scale; using SDGs to guide resilience and recovery; embedding SDGs in organisational planning and the built environment; and communication and engagement with the SDGs

“In Australia, against 86 targets and 144 indicators of the SDGs... only 35% of the targets we were on track (good), 23% were fine but needed work (ok), 18% needed a breakthrough (bad), and 24% of the targets we were going backwards.”

JOHN THWAITES

CONNECTING THE NATIONAL TO THE LOCAL

Examples were presented of how SDG reporting can be done at national and local government levels, exploring the differences and similarities of reporting at these different scales, and discussing the challenges and opportunities for connecting them through one reporting framework. How do we connect these different approaches through a national reporting framework?

By Ariana Dickey and Spencer Nash

(AD) The key takeaway from the session has been that efforts to localise the SDGs means they are activated in different ways. Whereas for some localities, the SDGs guide outcomes, for others, they instead provide methods for developing processes. The SDGs can also be a tool for advocacy by providing a framework by which to appeal to higher levels of government. Finally, the SDGs create accountability.

(SN) This insightful session provided two accounts to localising the SDGs in two very different contexts. The City of Melbourne has been engaging with other organisations (primarily University of Melbourne) to explore ways in which the SDGs can be implemented. This involves a Voluntary Local Review by which they compare their experiences to those around the world. This is proactive and not compulsory! In contrast, the Philippines mandates that local councils integrate the SDGs at the local level, so they're relatively well-integrated and understood by the population. For the national level to understand experiences on the ground, they use a CBMS to aggregate data. I would like to know more about this because it seems really interesting!

#RECOVER BETTER: PARTNERING FOR LOCAL SDGS IMPACT – LOCAL GOVERNMENT AND THE SDGS

The global pandemic has laid bare how well cities and communities can protect and support their citizens in the face of a health, economic and social crisis. Designed to build resilience and sustainability, the UN argues that the SDGs are the roadmap to post COVID-19 recovery. The role community groups and local government can play to ensure we #RecoverBetter and the ways the SDGs can guide the way were analysed by panel members and delegates.

By Spencer Nash

(SN) This panel was an interesting contribution to the symposium; centred mostly on how the SDGs can be used for COVID recovery. I learnt a lot about Neighbourhood Houses and the services they provide; something I didn't know anything about beforehand. Community was a strong theme of COVID recovery, as community can provide aid to those in need and most people cannot venture out of their own communities too (at least in Victoria, during lockdown!).

BREAKOUT PARALLEL SESSION REFLECTIONS

EMBEDDING SDGS IN ORGANISATIONAL PLANNING AND THE BUILT ENVIRONMENT

By Manasi Chopdekar, Spencer Nash and Jacqueline Marie Darwis

(MC) Having understood the significance of localising the SDGs in previous sessions, this session was particularly useful in understanding how cities and companies have done so in a practical working environment – the case studies provided by the 5 speakers covered a range of stakeholders from local governments to institutions to private companies, who have adopted the SDGs in ways that direct their projects and benefit the community, while addressing key challenges faced and lessons learnt along the way.

(SN) Overall, the SDGs are a great way for different organisations to collaborate as **they provide a shared language** on what the want the future to be like.

(JD): Increasing net benefit is something that can be done by both the private and public sector. To ensure accountability, there is an opportunity for both the public and private sectors to frame their work and measure net benefit in terms of the SDGs.

COMMUNICATION AND ENGAGEMENT WITH THE SDGS

Panelists discussed opportunities and priorities for communicating with and mobilising our youth amidst global stress and uncertainty.

By Ariana Dickey, Alexandra Whitmore and Spencer Nash

(AD) Engagement methods should be diverse and inclusive to capture as many voices as possible, in line with SDG “No one left behind.” Making people feel empowered is particularly productive because it ensures that outcomes are closely aligned with expectations. It was fascinating to hear about the child-friendly city project in Dehradun, as it foregrounded a critical point about the different ways that the same city can be experienced by diverse stakeholders (in this case, children, who mind map the city according to different landmarks than their adult counterparts).

“Engagement is most effective when you tap into existing networks, drawing on engagement practises that have worked in the past”

AMELIA LEAVESLY

(AW) I am always fascinated by intergenerational difference in perspectives and the ability of people to respond entirely differently to exactly the same situation. Pairing conversations around Dehradun’s Child Friendly City with discussions about the New Student Precinct allowed for simultaneous conversation about the positioning of university students and how this affects their interaction with design and their engagement with planning.

(SN): I enjoyed this talk about engagement and all of the speakers brought interesting perspectives and experiences to the discussion. All three speakers engaged with their stakeholders through learning institutions such as schools and universities. I suppose that people at schools might be more willing to learn about things such as the SDG? This definitely seemed to be the case in Melbourne, where the project began out of student concerns for the university’s climate strategy. Interesting to hear mentions of plant-based and vegan lifestyles in the discussions too.

FINAL REFLECTIONS FROM THE EDITORS/CURATORS



CATHY OKE



JUDY BUSH



ANNA HURLIMAN

Key highlights

- This was an SDGs deep dive, with a focus on key targets within SDG 11. By the end of our 3 day symposium, and 2 days of pre-symposium workshops, we feel as though we’d had a focused meditation on what each of these words mean in the translation of global goals, targets and indicators into localised onground action and outcomes. Safe, resilient and sustainable cities were eloquently presented and dissected from diverse and inclusive perspectives.
- Highlighting the Djirri Djirri dancers and their breathtaking video of 6 layers of Bunjil’s Country set the scene for our Indigenous led event
- Highlighting the importance of walking on Country; hearing and seeing this is critical for a truly holistic approach to the SDGs. Listening to Uncle Dave Wandin’s Welcome to Country, to the land of the Wurundjeri, during Melbourne’s lockdown made many participants, including ourselves have goosebumps and feel connected regardless of not being there in person.
- Key themes from Hans’s keynote and panel discussion on Indigenous perspectives on SDGs and Cities: SDGs reinforce no-one left behind. The SDGs embed acknowledgement of the vital roles, and deep knowledge systems of First Nations people in striving towards inclusive, safe, resilient, sustainable places. In this process, we need to understand the past to be able to plan for the future, including visibility and recognition to Indigenous culture in our cities, in places of decision-making, learning, living, playing. On going action - How can we work together to create Indigenous-led, culturally respectful caring for Country?
- Key themes from Theresa’s keynote and discussion panel on SDGs and climate resilience: addressing SDGs, building community resilience and capacity requires building trust, and also maintaining the trust that everyone has worked so hard to generate. It’s an ongoing process that requires continued effort and is underpinned by respect, including respect for diversity, for varied voices and differences of opinion.
- Key themes from Penny’s keynote panel and discussion on SDGs, Climate Change and Health and Wellbeing of cities: SDGs provide a global language through which cities can share ideas, problems, solutions, SDGs are a bridging mechanism; they provide a common platform

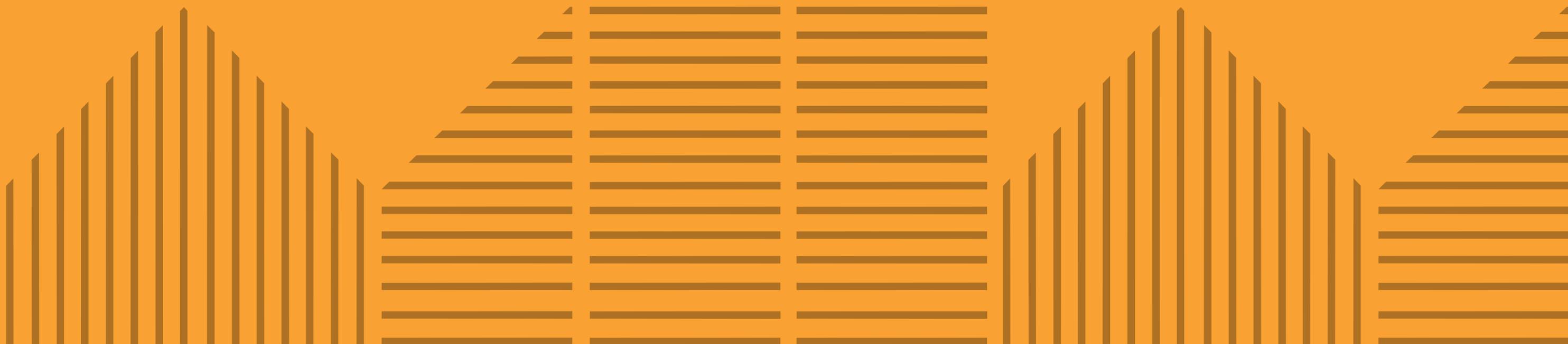
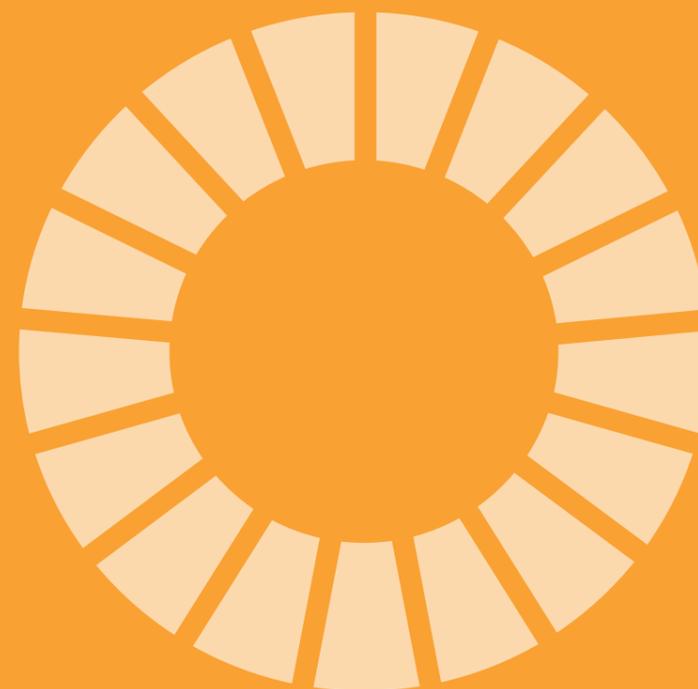
for cities to be able to meet and discuss progress towards sustainability. And yet, at the same time, context matters: cities’ historical context matters in how SDGs can be locally activated and implemented

- Key themes from Peter’s panel: look for the win-win: cross-disciplinary perspectives are vital to uncover the win-win approaches that might not be obvious for those with a single focus. The symposium reinforced calls for partnerships that bring together not just different disciplines, but collaborations between academics and practitioners. We were challenged to consider, in our ongoing responses to COVID-19, ‘what are we desperate to recover and what are we glad to leave behind?’
- Key themes from Claire’s keynote and panel discussion on SDGs and a circular economy: we need to foster skills of curiosity, listening with respect and problem solving with modesty to support a growing momentum for collective action

Reflections on virtual symposium: when COVID-19 emerged at the start of the year, we first considered postponing our symposium, hoping we could hold a face-to-face event a few months later. Realising the enormity of the pandemic, we did indeed seriously consider cancelling the event entirely, but decided to proceed with a virtual symposium, an experiment for us to see how we could run an event that could still provide opportunities for rich discussions, meaningful connections and collaborative learning. Indeed, listening to Theresa’s keynote address reinforced why it is **essential** that we continue to find ways to connect, to share, to encourage, to remember, to plan. We look no further than JT Productions team for their huge efforts to pivot to an online event, and to our speakers and event team colleagues for evidence of resilience in the face of a global health crises. Living the values SDG 11 espouses.

Reflections on student participation: it was really inspiring to see how Symposium ambassador students grabbed the opportunities to participate and actively contribute! Students commented on how empowering it was listening to panel discussions, and particularly Cities’ practitioners discussing the implementation of the SDGs, as this demonstrated how the knowledge and theories learned in classes and courses are actively being implemented daily in cities around the world. The SDGs stepped out of the tutorial and the lecture theatre and made practical difference, had practical influence in real world contexts globally.

SYMPOSIUM PROGRAM



ACKNOWLEDGEMENT OF COUNTRY

The Faculty of Architecture, Building and Planning and the University of Melbourne acknowledge the traditional owners of the lands on which this meeting is taking place, which may be multiple lands given the locations of attendees. We pay our respect to elders both past and present and extend that respect to other Indigenous Australians present.



DJIRRI DJIRRI DANCE GROUP

Djirri Djirri Dance Group, with members of the Wurundjeri community, formed officially in 2013, after being part of other mixed dance groups. Our young women create the dances to the songs sung in Woiwurrung and relate to our Creation Spirits, Country, our Ancestors, animals and family. Our profile picture is of our 3 yinga guyup-guyup (song bird) who sing along to every song. Djirri Djirri means Willy wagtail in Woiwurrung, a language that has been sleeping for generations. Djirri Djirri is helping us wake it up!

The Djirri Djirri Dance Group will be sharing some performance videos:
11.30am Wednesday 30 September
12.15pm Friday 1 October

Photographer: Lauren Hutchison

PROGRAM DAY 1

Wednesday 30 September

(All times are Australian Eastern Standard Time)

9:15 – 9:45am Watch pre-recorded keynote
Delegates are encouraged to view pre-recorded keynote presentation (if you haven't already done so):
Hans P Bokelund
Director Aboriginal Melbourne - City of Melbourne
Indigenous Perspectives on SDGs, Cities and Climate Change

10:00 – 10:15am **DAY 1 OPENING**
Welcome to Country
Wurundjeri Woi Wurrung Elder
Marley Holloway-Clarke
Symposium Master of Ceremonies

10:15 – 11:30am **RESPONDING PANEL TO KEYNOTE**
Indigenous Perspectives on SDGs, Cities and Climate Change
Moderator:
Marley Holloway-Clarke
Project Officer - Murrup Barak, Melbourne Institute for Indigenous Development
Panellists:
Jefa Greenaway [Wailwan|Kamilaroi]
Faculty of Architecture, Building and Planning and Principal Architect - Greenaway Architects
—
Hans P Bokelund
Director Aboriginal Melbourne - City of Melbourne
Stacie Piper
Wurundjeri, Dja Dja Wurrung, Ngurai-Illam Wurrung First Nations Curator - Yalingwa Djirri Djirri Dancer Chairperson Victorian NAIDOC Committee
Hans P Bokelund
Director Aboriginal Melbourne - City of Melbourne

11:30am **DJIRRI DJIRRI DANCE GROUP**

12:00 – 1:30pm **SDG PLENARY WORKSHOP**
Leave no one behind: Learn - Enable - Act - Influence
—
Facilitated by Arup
Arup will facilitate a collaborative session in which participants will consider their own systematic and holistic approach to the United Nations Sustainable Development Goals (SDGs) and input into the collective awareness and actions.
These sessions will be participatory, fun and productive. Bring your biggest question and your best ideas!
Learn: Build capability and deep expertise through research, learning, knowledge management and communications.
Enable: Integrate sustainable development in operations and practices.
Act: Deliver projects, products, services and solutions that create shared value and drive innovation.
Influence: Use knowledge and networks to lead the way.
This workshop will follow these themes, as we immerse the audience in the SDGs in readiness for the Symposium discussion sessions 1-2 October.

1:30 - 1:45pm **CLOSE OF DAY 1**
Marley Holloway-Clarke
Master of Ceremonies

There are no other live discussions today. Delegates are encouraged to view pre-recorded keynote presentations for Thursday's panel discussions (if you haven't already done so):
Penny Abeywardena
Commissioner - NYC Mayor's Office for International Affairs
SDGs and Cities
—
Theresa Williamson
Executive Director - Catalytic Communities, Brazil
SDGs, Urban Planning for Equity and Climate Resilience in our Cities

PROGRAM DAY 2

Thursday 1 October

(All times are Australian Eastern Standard Time)

9:30 - 10:00am **DAY 2 OPENING**
Acknowledgement of Country

Official's opening of Symposium:

Marley Holloway-Clarke
Symposium Master of Ceremonies

Julie Willis
Dean of the Faculty of Architecture, Building and Planning

Duncan Maskell
Vice Chancellor - University of Melbourne

10:00 - 11:00am **RESPONDING PANEL TO KEYNOTE**

SDGs and Cities

Penny Abeywardena
Commissioner - NYC Mayor's Office for International Affairs

Moderator:
Michele Acuto
Director - Connected Cities Lab

Panellists:
Director General Chingyu Yao
City of New Taipei
Tony Pipa
Senior Fellow - Global Economy and Development, Brookings Institution

Penny Abeywardena
Commissioner - NYC Mayor's Office for International Affairs

Roger Swinbourne
Associate Principal - Arup

11:00am BREAK

11:15 - 12:15pm

BREAKOUT SESSIONS

The symposium has two breakout session streams, reflecting the themes and objectives of the event.

City Partnerships will feature SDGs Cities Challenge city participants discussing their sustainable development challenges and their ongoing discussions with solutions providers in academia, business and government.

Localising the SDGs will be a series of micro masterclasses on key topics for engagement in the SDGs.

Each breakout session will be delivered as standalone events so there is no need to stick with one stream throughout.

Session 2A Discussion

The session will showcase examples of how SDG reporting can be done at national and local government levels, explore the differences and similarities of reporting at these different scales, and discuss the challenges and opportunities for connecting them through one reporting framework.

How do we connect these different approaches through a national reporting framework?

City Partnerships: Session 1A

SDGs Cities Challenge cities, their challenges and partnerships for solutions

Host:
Sarah Forde, Director Projects and Programs – Business Council for Sustainable Development Australia (BCSDA)

Co-Host:
Thomas Jacobs, Project Coordinator - Connected Cities Lab

Contributor:
Anna Rubbo, Senior Scholar -Center for Sustainable Urban Development, The Earth Institute

Cities:
City of Newcastle
City of Whitehorse

Localising the SDGs: Session 2A

SDG Reporting: Connecting the national to the local

Host:
Monash Sustainable Development Institute (MSDI) and **SDSN**

Contributors:
Prof John Thwaites, (MSDI) – Transforming Australia (Update 2020)

Alison Leighton, General Manager Strategy, Planning & Climate Change – City of Melbourne

Renz Cerillo, Sustainability Management – ICLEI – Local Governments for Sustainability South East Asia Secretariat

12:15pm BREAK

1:00 - 1:45pm

RESPONDING PANEL TO KEYNOTE

SDGs, Urban Planning for Equity and Climate Resilience in our Cities

Theresa Williamson
Executive Director - Catalytic Communities, Brazil

Moderator:
Stephanie Butcher
Research Fellow - Connected Cities Lab, University of Melbourne

Panellists:
Anna Hurlimann
Associate Professor and Assistant Dean Diversity and Inclusion of the Faculty of Architecture, Building and Planning

Theresa Williamson
Executive Director - Catalytic Communities, Brazil

Shipra Narang
Chief, Urban Practices Branch (OIC) and Global Solutions Division, UN-Habitat

1:45pm BREAK

2:00 - 3:00pm

BREAKOUT SESSIONS

The symposium has two breakout session streams, reflecting the themes and objectives of the event.

City Partnerships will feature SDGs Cities Challenge city participants discussing their sustainable development challenges and their ongoing discussions with solutions providers in academia, business and government.

Localising the SDGs will be a series of micro masterclasses on key topics for engagement in the SDGs.

Each breakout session will be delivered as standalone events so there is no need to stick with one stream throughout.

Session 2B Discussion

The global pandemic has laid bare how well cities and communities can protect and support their citizens in the face of a health, economic and social crisis. Designed to build resilience and sustainability, the UN argues that the SDGs are the roadmap to post COVID-19 recovery.

Join an interactive discussion around the role community groups and local government can play to ensure we #RecoverBetter and the ways the SDGs can guide the way.

City Partnerships: Session 1B

SDGs Cities Challenge cities, their challenges and partnerships for solutions

Host:
Sarah Forde
Director Projects and Programs – Business Council for Sustainable Development Australia (BCSDA)

Co-Host:
Thomas Jacobs
Project Coordinator - Connected Cities Lab

Cities:
City of Dehradun

Localising the SDGs: Session 2B

#Recover Better: Partnering for local SDGs impact – Local Government and the SDGs

Hosts:
Sophie Arnold
Executive Manager - United Nations Association Victoria
Nicole Battle
President - Australian Neighbourhood Houses and Centres Association

Contributor:
Mitra Anderson-Oliver
Manager - Industry Support and Recovery - Department of Jobs, Precincts and Regions

3:00 - 3:15pm

CLOSE OF DAY 2

Marley Holloway-Clarke
Symposium Master of Ceremonies

3:15 - 4:15pm

NETWORKING OPPORTUNITIES

A range of networking opportunities will be provided on the InEvent platform for delegates to join

Delegates are encouraged to view pre-recorded keynote presentations for Friday's panel discussions (if you haven't already done so):

Peter Rayner
Acting Director – Climate and Energy College, University of Melbourne
SDGs, Building Cities for Health and Wellbeing of People and Nature

Claire Ferres Miles
CEO - Sustainability Victoria
SDGs, Cities Acting on Climate Change, Encouraging a Circular Economy

PROGRAM DAY 3

Friday 2 October

(All times are Australian Eastern Standard Time)

9:45 - 10:00am	DAY 3 OPENING Acknowledgement of Country	Marley Holloway-Clarke Symposium Master of Ceremonies
10:00 - 11:00am	RESPONDING PANEL TO KEYNOTE SDGs, Building Cities for Health and Wellbeing of People and Nature — Peter Rayner Acting Director – Climate and Energy College, University of Melbourne.	Moderator: Crystal Legacy Senior Lecturer - Faculty of Architecture, Building and Planning, University of Melbourne Panellists: Anne-Marie Pisani Senior Associate - Aspect Studios Karibaiti Taoaba Regional Director - Commonwealth Local Government Form Pacific Peter Rayner Acting Director – Climate and Energy College, University of Melbourne, Melbourne Australia

11:00am BREAK

11:15 - 12.15pm	BREAKOUT SESSIONS The symposium has two breakout session streams, reflecting the themes and objectives of the event. City Partnerships will feature SDGs Cities Challenge city participants discussing their sustainable development challenges and their ongoing discussions with solutions providers in academia, business and government. Localising the SDGs will be a series of micro masterclasses on key topics for engagement in the SDGs. Each breakout session will be delivered as standalone events so there is no need to stick with one stream throughout.	City Partnerships: Session 1C — SDGs Cities Challenge cities, their challenges and partnerships for solutions Host: Sarah Forde Director Projects and Programs – Business Council for Sustainable Development Australia (BCSDA) Co-Host: Alexei Trundle Research Fellow in Sustainable Urban Development – Connected Cities Lab Cities: City of Woollahra Warrnambool City Council Localising the SDGs: Session 2C — Embedding SDGs in organisational planning and the built environment Hosts: Gerard Healey and Clare Walker University of Melbourne, Chief Operating Officer portfolio Contributors: Mitra Anderson-Oliver Manager - Industry Support and Recovery - Department of Jobs, Precincts and Regions Gavin Ashley Better Cities & Regions Lead – HIP V. HYPE Cities: City of Newcastle City of Whitehorse
------------------------	---	--

12:15pm	DJIRRI DJIRRI DANCE GROUP
----------------	----------------------------------

1:00 - 1:45pm	RESPONDING PANEL TO KEYNOTE SDGs, Cities Acting on Climate Change, Encouraging a Circular Economy — Claire Ferres Miles CEO - Sustainability Victoria	Moderator: Brendan Gleeson Director - Melbourne Sustainable Society Institute, University of Melbourne Panellists: Claire Ferres Miles CEO - Sustainability Victoria Patrick Cobbinah Lecturer in Urban Planning - Faculty of Architecture, Building and Planning, University of Melbourne Andrew Petersen CEO, Business Council for Sustainable Development Australia
----------------------	--	---

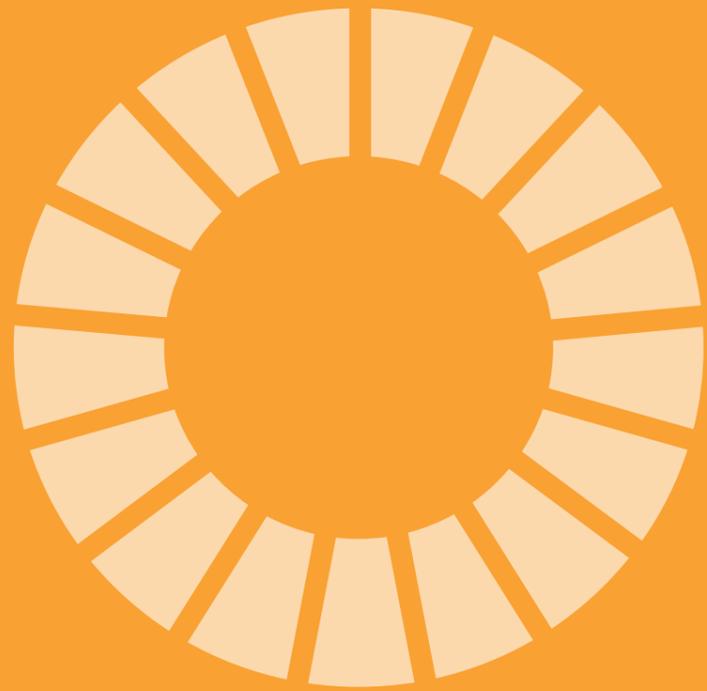
1:45pm BREAK

2:00 - 3:00pm	BREAKOUT SESSIONS The symposium has two breakout session streams, reflecting the themes and objectives of the event. City Partnerships will feature SDGs Cities Challenge city participants discussing their sustainable development challenges and their ongoing discussions with solutions providers in academia, business and government. Localising the SDGs will be a series of micro masterclasses on key topics for engagement in the SDGs. Each breakout session will be delivered as standalone events so there is no need to stick with one stream throughout. Session 2D Discussion How can we communicate with and mobilise our youth amidst global stress and uncertainty?	City Partnerships – Session 1D — SDGs Cities Challenge cities, their challenges and partnerships for solutions Host: Sarah Forde , Director Projects and Programs – Business Council for Sustainable Development Australia (BCSDA) Co-Host: Alexei Trundle , Research Fellow in Sustainable Urban Development – Connected Cities Lab Cities: Alor Gajah City of Melbourne Localising the SDGs – Session 2D — Communication and Engagement with the SDGs Host: Jeremy McLeod , Breathe Architecture Founder Contributors: Amelia Leavesley , Engagement Advisor and Masters Student Sabareesh Suresh , City of Dehradun, Sabareesh Suresh Consultant - Urban Governance and Service Delivery Local Pathways Fellow UN Sustainable Development Solutions Network Leah Hyland , Communications and Engagement (Co-creation) Manager Development – Estate Planning and Development - University of Melbourne Dante Di Paolo , New Student Precinct Intern - University of Melbourne
----------------------	---	---

3:00 - 3:15pm	CLOSING SESSION	Marley Holloway-Clarke Symposium Master of Ceremonies Julie Willis Dean of the Faculty of Architecture, Building and Planning Concluding Remarks: Symposium curators Cathy Oke, Anna Hurlimann and Judy Bush Official Close
----------------------	------------------------	---

3:15 - 4:15pm	NETWORKING OPPORTUNITIES	A range of networking opportunities will be provided on the InEvent platform for delegates to join
----------------------	---------------------------------	--

SPEAKERS AND PANELLISTS



MASTER OF CEREMONIES



MARLEY HOLLOWAY-CLARKE

Project Officer - Murrup Barak, Melbourne Institute for Indigenous Development

Marley Holloway-Clarke (she/her) is the Project Officer at Murrup Barak who belongs to the Njamal people of the Pilbara region. She grew up predominately on Palawa Country before moving to the Kulin Nation to start her tertiary studies. Marley is an alum of Victorian College of the Arts where she graduated with a Bachelor of Fine Arts, Visual Arts with a focus in Photography. Keen to further her education Marley graduated with a Master of Art and Cultural Management in 2019 with focuses on First Nations arts and culture. For the last couple of years, Marley has been working as an emerging artist, curator and producer with works being exhibited at SEVENTH Gallery, Incinerator Gallery and George Paton Gallery.

Marley came into working at Murrup Barak as the Indigenous Student Outreach Officer, where she worked with Aboriginal and Torres Strait Islander peoples in helping them apply for university. She has now transitioned into the role of the Project Officer focusing on Marketing and Communications and managing the Murrup Barak social media platforms.

KEYNOTE SPEAKERS



PENNY ABEYWARDENA

Commissioner - NYC Mayor's Office for International Affairs

Penny leads New York City's global platform for promoting its goals for a more just society, showcasing the diversity of New Yorkers and sharing policies and best practices with the world. Her agency serves the largest diplomatic corps in the world, including strategic partnerships and programming reaffirming NYC's local leadership on global issues.

From 2009-2014, Penny was the Director of Girls and Women Integration at the Clinton Global Initiative, where she led the program's evolution into one of CGI's most successful efforts.

Penny is a French-American Foundation Young Leader (2017) a WEF Young Global Leader (2016) and a Co-Chair on WEF's Global Future Culture.

KEYNOTE SPEAKERS



HANS P BOKELUND

Director Aboriginal Melbourne - City of Melbourne

Hans is a Darumbal/Turrbal man from Queensland and past-President of Tarwirri (Indigenous Law Students and Lawyers Association of Victoria). He is currently the inaugural Director of Aboriginal Melbourne - City of Melbourne Branch. Hans decided to join the City of Melbourne because of the exciting new branch they were establishing, to build and enhance Melbourne as a recognised leader of Aboriginal culture - A City with an Aboriginal focus. He is exploring ways to bring the City of Melbourne's Reconciliation Action Plan to life and working with his team to revitalise relationships with the Aboriginal community members and cement Aboriginal Melbourne as a benchmark par excellence.



CLAIRE FERRERES MILES

CEO - Sustainability Victoria

Claire was appointed CEO of Sustainability Victoria in November 2019 and was previously City of Melbourne's Director City Strategy and Place.

Claire is an optimistic leader driven by curiosity and purpose.

She has held executive roles in Transport for London, Victorian Government, Local Government, and in the private sector. She is highly regarded for her collaborative leadership, authentic community engagement and innovative partnerships. Claire has been recognised as an IPAA Victorian Fellow (2019) and a 'Top 50 Woman in the Victorian Public Sector' (2017).

Claire is passionate about leading teams to achieve public value, positive impact and deliver tangible outcomes for our community, with significant achievements in affordable housing, sustainability, transport and planning - to ensure our future is one of social, economic and environmental prosperity.

She has a Master of Transport, a Master of Traffic, a Bachelor of Planning and Design with majors in Landscape Architecture and Urban Design and is a Graduate of the Australian Institute of Company Directors and IPAA Integrity.

KEYNOTE SPEAKERS



PETER RAYNER

Climate and Energy College, University of Melbourne

Peter Rayner studied physics and paleoclimate at the University of Melbourne. His main research interests have been in the drivers of climate change, especially emissions and removal of greenhouse gases. He was one of the team who set up the Copernicus Atmospheric Service in Europe to monitor greenhouse gases and other pollutants globally. He became increasingly interested in the links between climate and other aspects of health and well-being such as air quality and green space. In 2014 he became the founding director of the Clean Air and Urban Landscapes Hub (CAUL) of the National Environmental Science Program of the Australian Government. CAUL federated applied research on liveability, urban greening, biodiversity and air quality in Australian cities. He is now the acting director of the Australian-German Climate and Energy College, an interdisciplinary research and graduate training programme between the University of Melbourne and several European universities.



THERESA WILLIAMSON

Executive Director - Catalytic Communities, Brazil

Theresa Williamson, Ph.D. is a city planner and founding executive director of Catalytic Communities, an NGO working to support Rio de Janeiro's favelas through asset-based community development. CatComm produces RioOnWatch, an award-winning local-to-global favela news platform and facilitates Rio's Sustainable Favela Network and Favela Community Land Trust program. Theresa is an advocate for the recognition of the favelas' heritage status and their residents' right to be treated as equal citizens.

She received the 2018 American Society of Rio prize for her contributions to the city and the 2012 NAHRO Award for her contributions to the international housing debate.

Theresa has many publications including multiple book chapters and four op-eds in The New York Times. She has been cited in hundreds of publications and television. Previously she received the 2005 Gill-Chin Lim Award for Best Dissertation on International Planning and CatComm received the 2006 Tech Museum Award for technology benefiting humanity. Dr. Williamson earned her B.A. in Biological Anthropology from Swarthmore College and PhD in City and Regional Planning from the University of Pennsylvania.

PANELLISTS



MICHELE ACUTO

Director - Connected Cities Lab

Michele Acuto is director of the Connected Cities Lab at the University of Melbourne, where he is Professor in Urban Politics and Associate Dean (Research) in the Faculty of Architecture, Building and Planning. He is an expert in international urban development, urban data and the governance of cities, with a focus on sustainability and global health. He is also a Senior Fellow of the Chicago Council on Global Affairs and member of Fondation Botnar's expert commission. He has previously led research on the future of cities at University College London and the University of Oxford, and outside academia with Arup, World Health Organization, World Bank Group, and the European Commission.



MITRA ANDERSON-OLIVER

Manager - Industry Support and Recovery - Department of Jobs, Precincts and Regions

Mitra has over a decade of experience in strategic advice, policy development and implementation in urban planning and development, urban design, climate change and housing policy.

Mitra started her career in the Climate Change Branch at Victoria's Department of Premier and Cabinet. She was a key part of the team that produced Victoria's first major package of climate action reforms, including the Climate Change Act. More recently, Mitra spent four years leading planning reform projects for the Minister for Planning in Victoria. This included amendments to the Victorian Planning and Environment Act which saw a reframing of the Act to ensure that the State's critical need for affordable housing could be addressed through the planning system.

Mitra is active in the not-for-profit and community sectors, and was a founding Board member and Secretary of the artist-run Schoolhouse Studios in Collingwood. She is also a co-founder and Committee Member of Yarra Pools, a community-led proposal to re-introduce recreation and water-play to the lower Yarra and, in doing so, to transform an under-used section of the iconic river's northern bank into a thriving community facility.

Mitra publishes regularly in urban and design journals about inspiring places and people leading positive change in cities. She has a Bachelor of Arts/Law (Hons) and a Masters of Urban Planning from the University of Melbourne, and was twice awarded the Dean's Honours Award. She was part of the teaching team in the Urban Environments and Inclusive Cities subjects in the Masters of Urban Planning and Bachelor of Environments at the University of Melbourne.

PANELLISTS



SOPHIE ARNOLD

Executive Manager

United Nations Association of Australia (Victorian Division)

Sophie Arnold is Executive Manager of the UN Association of Australia's Victorian Division. A journalist by training, Sophie covered politics and industrial relations before becoming a media adviser to Victorian Government Ministers and then Premier, Joan Kirner. For more than two decades, Sophie ran a successful media and communications practice, providing writing, editing and communications services to a range of government, corporate and not for profit agencies. She is a former manager and board member of the Melbourne Athenaeum Incorporated and WIRE: Women's Information; Thornbury Women's Neighbourhood House and Fitzroy Junior Football Club Board member.



GAVIN ASHLEY

Better Cities and Regions Lead – HIP V. HYPE

Gavin brings 14 years of experience in urban development and sustainability across the private, non-profit and public sectors. He sees sustainability as the product of technical rigour, early integration and good communication. Gavin is passionate about working with clients and partners that embed principles of sustainability at the outset, where they can have the most impact and are commercially justifiable. He also acutely understands that the key to this is the clear communication of robust evidence.

Gavin grew up in country Western Australia, which embedded in him an appreciation for the natural environment and community. He started his tertiary education in Geography and Politics, where he gained an understanding of how spatial planning can drive sustainable change for cities and towns. Following a stint overseas Gavin went on to complete a Masters of Environment and Planning at RMIT. During this time, he worked as a town planner for Tract Consultants and gained an appreciation for the commercial imperatives of the development industry including reputation, managing cost and time. This period provided a strong background in strategic planning and refined his thinking about what makes places work for people and the environment, and in particular how the planning process can be used to drive sustainability outcomes.

Sustainability quickly became the major driver for Gavin's work. Gavin joined Moreland Energy Foundation Limited (MEFL), where he combined his experience in planning and urban development with his passion for sustainability, working with a variety of local governments and communities. Gavin went on to lead the consulting practice at MEFL for four years, delivering a wide variety of sustainable urban development and energy strategy work including community energy transition for regional communities and climate resilience outcomes for social housing. Working with regional communities and vulnerable households was an important part of the work, often forgotten but hugely important in developing social capital as an important driver in building resilient communities.

As Better Cities & Regions Lead, Gavin focuses on supporting sustainable urban renewal and community outcomes using both planning and non-planning delivery mechanisms.

PANELLISTS



NICOLE BATTLE

CEO - Neighbourhood Houses Victoria

Nicole is the CEO of Neighbourhood Houses Victoria and is also the current Chairperson of the Australian Neighbourhood House and Centres Association (ANHCA).

Nicole holds a Bachelor of Social Work from Victoria University, as well as a Master of Public Policy and Management from the University of Melbourne.

She has over ten years experience working in local government, holding senior roles within Community Development, Youth Services, Emergency Management and Governance. She has also held a number of positions within the not-for-profit sector and was recently appointed to the Board of WestCASA (Centre Against Sexual Assault).

Nicole is passionate about social justice and is excited about the role that SDGs can play in creating a fairer and more equitable society for future generations.



STEPHANIE BUTCHER

Research Fellow - Connected Cities Lab, University of Melbourne

Dr Stephanie Butcher is a Postdoctoral Researcher with the Connected Cities lab, at the University of Melbourne. She is a part of the 'Knowledge in Action for Urban Equality' (KNOW) programme, a global consortium which seeks to deliver transformative research and capacity in policy and planning, that will promote and strengthen pathways to urban equality.

Her research interests are in citizen participation in planning in informal settlements of the Global South, gender and diversity, and urban inequalities. She has partnered with grassroots groups and organizations in cities in Nepal, Sierra Leone, Kenya, Tanzania, and Sri Lanka to support community-driven processes of planning.

PANELLISTS



RENZ CERILLO

Sustainability Management – ICLEI – Local Governments for Sustainability South East Asia Secretariat

Renz is a sustainability specialist with multidisciplinary experience in development, policy and science communications, and climate mitigation and adaptation actions. He is part of the Southeast Asia Secretariat of ICLEI Local Governments for Sustainability and manages programs on climate change action plans and low-emission strategies across Southeast Asia. He works with consultants and the national government in designing the Philippines' measurement, reporting, and verification plan for its Nationally Determined Contributions and their alignment with the SDGs. A clean energy transition advocate, he also acts as the Project Support Lead for OurEnergy2030 – a coalition of youth and civil society organizations advocating for an equitable and inclusive energy transition.

Previously part of the British Embassy Manila, he primarily supported the United Kingdom's Newton Fund and was also engaged in its ASEAN Low Carbon Programme, strengthening partnerships between the two governments through policy and programme work.



PATRICK COBBINAH

Lecturer in Urban Planning - Faculty of Architecture, Building and Planning, University of Melbourne

Patrick is an academic in the Faculty of Architecture, Building and Planning. Patrick's background is in human geography with broad experience in urban and regional planning gained through teaching and research conducted at universities in Ghana and Australia. Patrick was with the Kwame Nkrumah University of Science and Technology Ghana in 2016 and Charles Sturt University in 2011, and worked in the areas of urban planning and management, urban resilience, environmental management, regional planning, natural resource management, climate change and development of research packages to guide urbanisation and sustainable environmental development in Africa focusing on Ghana. He is a member of the Planning Institute of Australia and the Ghana Institute of Planners, a University of Michigan Presidential Scholar, a Visiting Scholar at the Stellenbosch Institute for Advanced Study at Stellenbosch University, Cape Town South Africa, a Global Young Academy Fellow, and an Adjunct Research Fellow of the Institute for Land, Water and Society, Charles Sturt University. Patrick has published widely in his research area. He serves on the editorial board of Journal of Urban Affairs.

PANELLISTS



DANTE DI PAOLO

New Student Precinct Intern - University of Melbourne

Renz is a sustainability specialist with Dante is a final year Bachelor of Commerce student at The University of Melbourne and is currently interning with the New Student Precinct team. He intends to commence the Juris Doctor at The University next year.



SARAH FORDE

Director Projects and Programs – Business Council for Sustainable Development Australia (BCSDA)

Sarah is a sustainability and communications professional working with business and government to demonstrate that long-term goal setting models that incorporate multiple stakeholders and can deliver innovation and good financial performance. She has supported teams to challenge their perceived ideas and rethink how projects and systems can innovate to deliver results that deliver for people, planet and meet the SDGs.

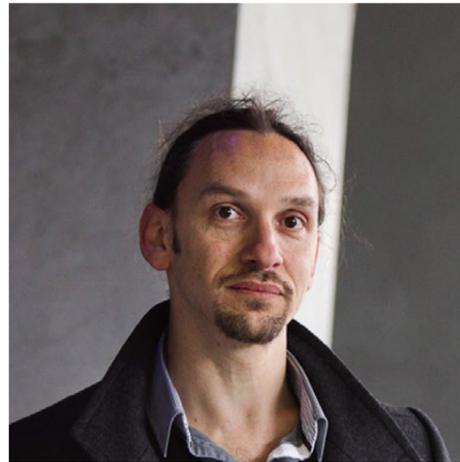
PANELLISTS



BRENDAN GLEESON

Professor and Director of the Melbourne Sustainable Society Institute

Professor Brendan Gleeson is the Director of the Melbourne Sustainable Society Institute, at the University of Melbourne. Brendan has made significant scholarly contributions in urban and social policy, environmental theory and policy, and his most recent books are *The Urban Condition* (2014) and (with Sam Alexander, *Degrowth in the Suburbs* (2018). He has qualifications in geography and urban planning. Brendan is a Fellow of the Australian Academy of Social Sciences. His new book with Sam Alexander, *Urban Awakenings: Disturbance and enchantment in the industrial city*, will be released by Palgrave Macmillan in late 2020.



JEFA GREENAWAY [Wailwan|Kamilaroi]

Faculty of Architecture, Building and Planning and Principal Architect - Greenaway Architects

Jefa Greenaway is a University of Melbourne senior academic of two decades standing, founding Director of Greenaway Architects, and a regular design commentator on ABC Radio Melbourne.

He's championed Indigenous led design thinking for over 25 years as a registered architect in NSW and VIC, including as co-founder of Indigenous Architecture + Design Victoria, as co-author of the International Indigenous Design Charter, and as Regional Ambassador (Oceania) of INDIGO (International Indigenous Design Network). He's a founding signatory of Architects Declare Australia an initiative foregrounding architecture's role in tackling the challenges of climate change and biodiversity loss, is co-curator (with Tristan Wong) of the Australian exhibition at La Biennale Architettura di Venezia 2020/21 (Venice Biennale) and was recently inducted into the Design Institute of Australia's 2020 'Hall of Fame'

Jefa sits on numerous boards, and advisory panels including the State Design Review Panels in NSW and VIC, the Public Arts Advisory Panel (City of Melbourne) and design juries for the AIA, PIA and AILA and is currently an ambassador for the 2020 Sustainability Awards.

PANELLISTS



GERARD HEALEY

Manager, Sustainable Campus Design

Estate Planning and Property | Estate Planning & Development

Gerard Healey is the University of Melbourne's Sustainable Campus Design Manager. In this role he works to embed the University's sustainability ambitions into its buildings and grounds. Gerard is also active within the construction industry, including being a member of the Property Council (VIC) Sustainable Development Committee and Green Building Council of Australia Technical Advisory Group.



LEAH HYLAND

Communications and Engagement (Co-creation) Manager Development - Estate Planning and Development - University of Melbourne

Leah has a broad range of leadership experience working in communications, engagement, education and partnership roles across multiple sectors.

Leah's current role at the University of Melbourne sees her co-create with students, staff and key stakeholders with a focus on engagement, relationship building and open and transparent dialogue to inform and elevate project development.

Creating targeted communications that are tailored to the audience and the cultural landscape are central to Leah's approach to engagement, utilising a hybrid of platforms and mediums to capture the views of both the vocal and marginalised voices in our community.

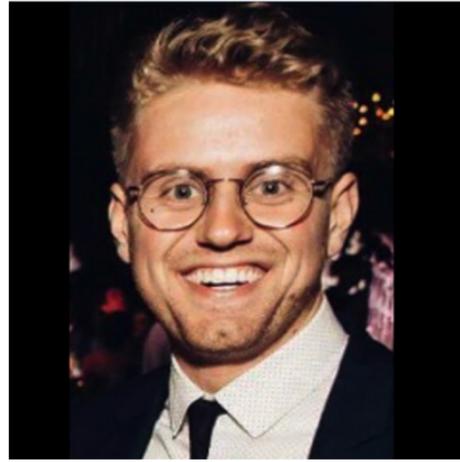
PANELLISTS



ANNA HURLIMAN

Associate Professor and Assistant Dean Diversity and Inclusion of the Faculty of Architecture, Building and Planning

Dr Anna Hurlimann's research and teaching focuses on climate change adaptation and mitigation in the built environment with a particular focus on urban planning, water management, the integration of climate action with sustainable development goals, and equitable outcomes. Anna is the lead Chief Investigator of ARC Discovery Grant 'Integrating climate change adaptation and mitigation in built environments,' and is a member of Planners for Climate Action, hosted by UN-HABITAT.



THOMAS JACOBS

Project Coordinator
Connected Cities Lab - Architecture, Building and Planning

Thomas Jacobs is currently the project coordinator for the SDGs Cities Challenge and project officer for the Innovate4Cities project within the Connected Cities Lab at the University of Melbourne. His areas of focus in planning are sustainability and resilience, health, community engagement, and housing. Thomas is a Master of Urban Planning graduate from the University of Melbourne, and holds a bachelor's degree in Political Science, with minors in Communications and Community Leadership from Iowa State University in the United States.

In addition to his experience working with the Connected Cities Lab, Thomas has worked for multiple non-profit organisations including Launch Housing, a Melbourne based housing organisation aimed at ending homelessness. He also has international experience in the field of city planning, with previous planning positions held at the Housing Authority of Kansas City, Missouri in the United States, as well as Moreland City Council in Melbourne.

Thomas is extremely passionate about creating healthy and sustainable built environments for current and future generations, and thus his master's thesis focused on the implementation of health planning policy and sought to understand the impact that non-governmental organisations have on health planning policy in Victoria.

PANELLISTS



AMELIA LEAVESLEY

Engagement Advisor and Masters Student

Amelia is an experienced communication consultant, notably in the water sector and urban ecology. She uses her skills in Geographic Information Systems (GIS) and strategic engagement to help people and organisations understand urban spatial patterns and relationships. Amelia holds a BSc (Engineering and Environmental Science) and is a master's student at the University of Melbourne, writing a dissertation on the transformative potential of localising SDGs in city planning. A confident public speaker, with a flair for innovation, she is on a mission to create thriving urban worlds that support all walks – flies, swims, and slithers – of life.



CRYSTAL LEGACY

Senior Lecturer - Faculty of Architecture, Building and Planning, University of Melbourne

Crystal Legacy is a Senior Lecturer in Urban Planning at the University of Melbourne, Australasia where she is also the Deputy Director of the Informal Urbanism Research Hub (InfUr-). Crystal has published widely on the topics of transport governance, urban politics and citizen participation. She has edited two books Instruments of Planning: Tensions and Challenges for more Equitable and Sustainable Cities (Routledge, 2016) and Building Inclusive Cities: Women's Safety and the Right to the City (Routledge, 2013). Crystal was the inaugural chair of the Australasian Early Career Urban Research Network (AECURN) and she is on the Editorial Board of the journals Planning Theory and Practice and Urban Policy and Research.

PANELLISTS



ALISON LEIGHTON

General Manager Strategy, Planning & Climate Change – City of Melbourne. City of the Future Taskforce SDGs

Alison Leighton assumed the position of General Manager, Strategy, Planning and Climate Change, at the City of Melbourne in April 2020. Prior to this she was the Chief Executive Officer at Baw Baw Shire Council and the Chief Operating Officer at Mornington Peninsula Shire. Alison has acquired more than 15 years of progressive leadership experience in infrastructure, planning, operations and public sector business transformation.

Alison is a qualified engineer, an alumni of Harvard Business School, and an MBA and AICD graduate.



JEREMY MCLEOD

Founder, Breathe Architecture

Jeremy is the founding Director of Breathe Architecture, a team of dedicated Architects that have built a reputation for delivering high quality design and sustainable Architecture for all scale projects. Breathe Architecture has been focusing on sustainable urbanisation and in particular have been investigating how to deliver more affordable urban housing to Melbournians.

Breathe were the instigators of The Commons housing project in Brunswick and now are collaborating with other Melbourne Architects to deliver the Nightingale Model. Nightingale is intended to be an open source housing model led by Architects. Jeremy believes that architects, through collaboration, can drive real positive change in this city we call home.

PANELLISTS



SHIPRA NARANG SURI

Chief, Urban Practices Branch (OIC) and Global Solutions Division, UN-Habitat, Nairobi

Dr. Shipra Narang Suri is an urban planner with a PhD in Post-War Recovery Studies from the University of York, UK. She leads UN-Habitat's Urban Practices Branch, which is the hub for UN-Habitat's normative work and the home of its portfolio of global programmes. The work of the Branch covers all major areas of UN-Habitat's work such as national urban policies; policy, legislation and governance; urban planning and design; public space; urban regeneration; land, housing and shelter; urban economy and finance; urban basic services; safer cities; human rights and social inclusion, with extensive normative work and operational activities in nearly 80 countries. Shipra is also the senior advisor within UN-Habitat for local governments and their networks.

Shipra has extensive experience in advising national and local governments, as well as private sector organisations and networks, on issues of urban planning and management, good urban governance and indicators, liveability and sustainability of cities, urban safety, women and cities, as well as post-conflict/ post-disaster recovery. She is the former co-Chair of the World Urban Campaign, a platform that brings together a large array of global organisations to advocate for sustainable urbanisation, and the former Vice-President of the General Assembly of Partners, a platform established to bring stakeholder voices to Habitat III and in the drafting of the New Urban Agenda. She is also a former Vice-President of ISOCARP, the International Society of City and Regional Planners.

Shipra has worked with the United Nations, specifically, UN-HABITAT, UNDP, and UNESCO, as well as international NGOs and private sector organisations, for over two decades. She has worked across Asia, Africa, South Eastern Europe and the Middle-East. She has been involved in the development and execution of a variety of development, research and training projects and programmes, is a regular public speaker at national and international for a and has several publications to her credit.



ANDREW PETERSEN

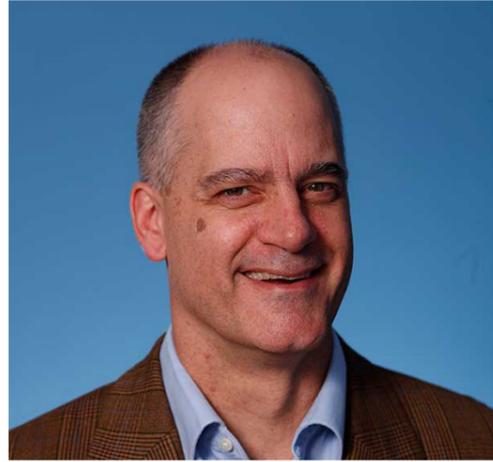
CEO - Business Council for Sustainable Development Australia

Andrew has over 25 years' environmental and planning law and policy experience as well as 10 years at a CEO and Director level in the not-for-profit sector initiating and driving systems change in policy and sustainable development through project design and delivery.

He has been a qualified environmental and planning litigation practitioner and policy advisor with roles at Sydney City Council and holding the position of Partner at Gadens Lawyers and PricewaterhouseCoopers, where he was also one of the founders of the PricewaterhouseCoopers Sustainability & Climate Change practice. His specialist law and policy expertise in the environmental includes litigation and advisory experience in commercial, residential and infrastructure (water, waste management, renewable energy) project development, resource planning and acquisition, program roll out of energy conservation projects, biodiversity and water market policy and trading market development, as well as environmental protection.

His current career focuses on the strategic delivery of 6 workstreams (Circular Economy, Cities and Mobility, Energy & Climate, Food, Nature and Water, People, and Redefining Value) for over 60 private, public and academic members at the Business Council for Sustainable Development Australia (known prior to 2018 as Sustainable Business Australia) as network partner with the World Business Council for Sustainable Development, the We Mean Business Coalition and the Business for Nature Coalition. He holds a Non – Executive Director role at the Banksia Foundation and is on Board of Advice at the University of Sydney Business School. His current Government appointments include as a member of the National Advisory Industry Reference Group to the Australian Government's National Waste Review, the Australian Packaging Covenant Organisation and representation on the Sustainability Industry Reference Committee of the Australian Industry Skills Committee, and appointment to the Australian Business and Biodiversity Initiative. He also was member of the 2017 – 2018 co-design group that provided guidance on the delivery of the Australian Government's Environmental Partnerships Initiative.

PANELLISTS



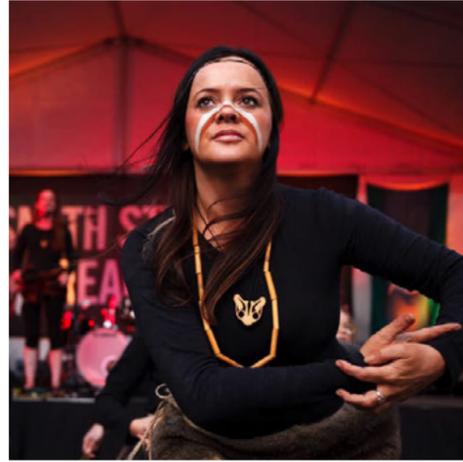
TONY PIPA

Senior Fellow - Global Economy and Development, Brookings Institution

Tony Pipa is a senior fellow in Global Economy and Development at the Brookings Institution, where he studies place-based policies to improve social progress and sustainable development in the U.S. and globally, including use of the Sustainable Development Goals (SDGs) at the local level. His research also covers the future of U.S. multilateral aid and the applicability of lessons from international development to improving rural development in the U.S.

Tony has over 25 years of executive experience in the philanthropic and public sectors addressing poverty and advancing inclusive economic development. During the Obama administration, he served as chief strategy officer at USAID and held multiple senior policy positions at the Agency. He served as U.S. Special Coordinator for the Post-2015 Agenda at the Department of State, leading the U.S. delegation at the U.N. to negotiate and adopt the SDGs. Prior to his government service, he directed the NGO Leaders Forum at Harvard University and was the founding CEO of the Warner Foundation, a family foundation in North Carolina focused on improving economic opportunity and race relations. He helped launch Foundation for Louisiana in the aftermath of Hurricane Katrina and has played a principal role in the start-up of multiple philanthropic ventures focused on addressing poverty and improving distressed communities.

He serves on the board of directors of StriveTogether and on the Advisory Council of the Center for Disaster Philanthropy. He has published articles, book chapters and opinion pieces on local implementation of the SDGs, the effectiveness of place-based policies, multilateral aid, philanthropic effectiveness, financial innovations and policies to strengthen resilience and prosperity. He attended Stanford University, graduated from Duke University and earned a Master of Public Administration at the Harvard Kennedy School.



Photographer: James Henry

STACIE PIPER

Wurundjeri, Dja Dja Wurrung, Ngurai-Illam Wurrung First Nations Curator - Yalingwa

Djirri Djirri Dancer
Chairperson Victorian NAIDOC Committee

Stacie is a proud Wurundjeri, Djadjawurrung and Ngurai Illam-Wurrung woman, a Djirri Djirri Dancer, and the current Chairperson of the Victorian NAIDOC Committee. Stacie holds the position of First Nations Curator at TarraWarra Museum of Art in Healesville, and Curator for Museums Victoria, accountable for engaging with the Victorian First Peoples community and develops a program of exhibitions and events to tell their stories.

Stacie has a great love for community, a desire to support and witness the progress of First Peoples, and a drive in protecting and healing Country.

PANELLISTS



ANNE-MARIE PISANI

Senior Associate - Aspect Studios

An experienced and passionate Landscape Architect, Anne-Marie has worked with Aboriginal communities from various parts of Australia over many years. Through her developed understanding of culturally appropriate processes of engagement and her commitment to enabling self-determination of Aboriginal people within the design process, she has been able to successfully incorporate these voices and values into a wide range of master planning and urban design projects. These layered landscapes encourage broader community users to understand and respect the intrinsic values of country and spirituality by Aboriginal and Torres Strait Islander people.

In 2015 Anne-Marie initiated and founded the Australian Institute of Landscape Architects (AILA) Victoria's 'Connection to Country' committee. She now has a role on the AILA 'Connection to Country' National Advisory Committee, which has recently launched a reflect level Reconciliation Action Plan (RAP) and leads the 'Connection to Country' National Strategy for ASPECT Studios. She was also more recently appointed to the Victorian Design Review Panel, advising on culturally appropriate engagement processes.

Anne-Marie has married into a Victorian Aboriginal family and aims to ensure her two young girls are educated and strong in their culture, whilst advocating for a community where they can be proud that their culture is inherently influencing Victoria's planning and design of our urban and regional landscapes.



ANNA RUBBO

Senior Scholar - Center for Sustainable Urban Development, The Earth Institute

Before joining Columbia University in 2012, Anna taught Architecture at the University of Sydney. A member of a UN Task Force to improve the lives of slum dwellers, in 2005 she went on to lead Global Studio, a project to assist urban professionals to work effectively with the urban poor. From 2013-15 she headed up People Building Better Cities, an exhibition shown in 10 countries. In 2018 she launched Accelerating the SDGs, a project that began with a City Maker Survey. Stage 2 invited local projects that considered the SDGs. 110 projects from 39 countries are on display on the localprojectchallenge.org website.

PANELLISTS



ROGER SWINBOURNE

Australasian Sustainability Lead at Arup

Roger is a Sustainability Consultant with 20 years of experience in sustainability planning, urban development, and infrastructure in Australia, Asia, the Middle East and Europe. He leads the Sustainability Team at Arup in Australia, a team focused on facilitating improved sustainability, carbon and resilience outcomes from major programs and projects. Roger has experience working closely with both industry and governments in setting strategies and delivering improved social, economic and environmental outcomes for clients and their projects. Roger has specific experience in practical applications of the UN SDG's in addressing land use and infrastructure planning problems and will share his experience with the Symposium.



KARIBAITI TAOABA

Regional Director - Commonwealth Local Government Forum (CLGF) Pacific

Karibaiti first joined CLGF in November 2006 as a Senior Project Officer based at the Pacific office in Suva, Fiji. She became Regional Director in 2009 and has overall responsibility for CLGF Pacific in achieving its strategic vision and outcomes including planning, resourcing and staffing.

Before joining CLGF, Karibaiti worked for the Government of Kiribati for 18 years at middle and senior positions. She served as Permanent Secretary for three ministries in Kiribati which included the President's Office (1996-1998), the Ministry of Environment and Social Development (1998 - 2003) and the Ministry of Internal and Social Development (2003 - 2006). As Permanent Secretary of the Ministry of Internal and Social Affairs, Karibaiti had oversight for the overall implementation of policies and administration in local government, support services to 22 island councils and 3 urban councils and decentralisation and rural development for all island councils in Kiribati. Karibaiti was in charge of the Electoral Commission and the national and local government elections in Kiribati from 2003 to 2006.

Karibaiti holds a BA in Administration and Politics from the University of the South Pacific and an MSc (Human Resource Development) from Victoria University, Manchester, UK.

PANELLISTS



JOHN THWAITES

Chair - Monash Sustainable Development Institute and Chair - ClimateWorks Australia

John Thwaites is a Professorial Fellow, Monash University, and Chair of the Monash Sustainable Development Institute, ClimateWorks Australia and BehaviourWorks Australia.

John is Chair of Melbourne Water and a Director of Fair Trade Australia New Zealand. He has been Chair of the Australian Building Codes Board, President of the Australian Centre for the Moving Image (ACMI) and a director of the Australian Green Building Council.

John is the Chair of the National Sustainable Development Council, which has developed the Transforming Australia: SDGs Progress Report 2018. He was previously Chair of the National Sustainability Council an independent Council appointed by the Australian Government, which produced the Sustainable Australia Report in 2013.

He is a Co-Chair of the Leadership Council of the UN Sustainable Development Solutions Network ("SDSN") launched by the Secretary General of the United Nations to provide expert advice and support to the development and implementation of the Sustainable Development Goals.

John is the only Australian who has been appointed to The Lancet Covid-19 Commission. He has also been appointed to a number of government reviews and committees including the Victorian Government's Independent Review of the Retail Energy Market and as Co-Chair of the Victorian Cladding Taskforce.

In 2013, John was named as one of the 100 Global Sustainability Leaders by ABC Carbon Express. In 2015, he was awarded the "Planning Champion" award by the Planning Institute of Australia and in 2016 was awarded the Richard J Evans Award for excellence in recognition of outstanding contributions to planning in Victoria.

John Thwaites was Deputy Premier of Victoria from 1999 until his retirement in 2007. During this period he held various Ministerial portfolios including Health, Planning, Environment, Water and was Victoria's first Minister for Climate Change. In these portfolios he was responsible for major reforms in social policy, health, environment and water.



ALEXEI TRUNDLE

Research Fellow in Sustainable Urban Development – Connected Cities Lab

Alexei is a Research Fellow in Sustainable Urban Development and coordinates the Future Cities Society Research Cluster at the Melbourne Sustainable Society Institute. His current research focuses on the way that cities are contributing to the UN 2030 Agenda for Sustainable Development, as well as urban climate resilience and adaptation planning in Pacific Small Island Developing States.

Formerly employed at RMIT University's Global Cities Research Institute, Alexei managed a range of climate change adaptation research projects across the Asia-Pacific region, holding a research associate position with the United Nations Global Compact – Cities Programme. He led the development of an Urban Resilience and Climate Adaptation Plan for Honiara, capital of the Solomon Islands, and Port Vila, Vanuatu, and has an interest in the development of integrated climate change adaptation methodologies.

Alexei is a Scientific Advisor to the UN-Habitat Cities and Climate Change Initiative in the Pacific region and was previously a Visiting Scientist at the United Nations University in Bonn, Germany. His PhD was based at the Australian-German Climate & Energy College, examining how informal settlements in Pacific Small Island Developing States interacted with Climate Resilient Development initiatives in post-disaster settings.

Alexei tweets as [@AlexeiPT](#)

PANELLISTS



CLARE WALKER

Associate Director, Sustainability, Chief Operating Officer portfolio, University of Melbourne

Clare Walker is Associate Director, Sustainability at The University of Melbourne, providing strategic direction and governance of sustainability, overseeing integration into all University activities.

Clare led development of the University's Sustainability Charter, Plan to 2020 and annual reporting. The role involves identifying and scoping strategic opportunities, connecting people across teams and externally to develop projects with impact. This work positions sustainability as a delivery mechanism for the broader strategic priorities of the University.

Clare reports to the Chief Operating Officer, is on the advisory group of ISCN (global higher education sustainability network), is a Board Director of the AUS/NZ ACTS network.



CHINGYU YAO

Director General, City of New Taipei

Chingyu Yao was a Taiwanese career diplomat for 15 years, during which time her work spanned a wide area, including the UN, North America and Europe, both at the Headquarters and during her tenure in New York. She later worked as the official Chinese-English interpreter and PR officer at the Legislative Yuan for two years (2007-2009).

From 2013 to 2018, Ms Yao was the principal advisor to the Taipei City mayor on international and cross-strait affairs, also acting as executive secretary to the Taipei City International Affairs Advisory Council and Mainland Affairs Council. In addition, Ms Yao was deputy executive officer at the Gender Equality Office.

Since December 2018, Ms Yao has been using her unique blend of experience—both domestic and international, executive and legislative—in her work as the Director-General of Secretariat of New Taipei City Government. She is recognised for her pivotal role of promoting SDGs on the local level and sharing the city's experience of combatting COVID-19 with the world.

Also, Ms Yao is a long-term volunteer and board member of the Taipei chapter of the Columbia University alumni association.

CURATORS



JUDY BUSH

Lecturer, Urban Planning
Faculty of Architecture, Building and Planning

Judy Bush is a lecturer in urban planning in the Faculty of Architecture, Building and Planning. Her research is focused on urban environmental policy and climate change, and with a particular interest in the roles of urban green spaces, urban ecology and nature-based solutions for liveable cities.



CATHY OKE

Enterprise Senior Fellow in Informed Cities
Connected Cities Lab - Faculty of Architecture, Building and Planning

Dr Cathy Oke is Melbourne Enterprise Senior Fellow in Informed Cities in the Connected Cities Lab at the University of Melbourne. Her research is focusing on the interaction between urban research, policy and practice for greater impact in cities. Cathy is an advisor to the Innovate4Cities program of the Global Covenant of Mayors for Climate & Energy. She is also the First Vice President of Local Government's for Sustainability (ICLEI), and has been a Councillor at the City of Melbourne since 2008.



ANNA HURLIMANN

Associate Professor and Assistant Dean Diversity and Inclusion of the Faculty of Architecture, Building and Planning

Dr Anna Hurlimann's research and teaching focuses on climate change adaptation and mitigation in the built environment with a particular focus on urban planning, water management, the integration of climate action with sustainable development goals, and equitable outcomes. Anna is the lead Chief Investigator of ARC Discovery Grant 'Integrating climate change adaptation and mitigation in built environments,' and is a member of Planners for Climate Action, hosted by UN-HABITAT.

ARUP WORKSHOP REPORT

Results from the Interactive Workshop conducted by ARUP

Sustainable Development Goals, Climate Change and Cities Symposium

Summary of the Cities and Plenary Workshop facilitated and hosted by Arup

28 & 30 September, 2020

arup.com



The Symposium

ARUP

CITIES WORKSHOP

28 SEPTEMBER, 2020

Arup facilitated workshops on the application of the UN SDGs to challenges in a range of cities (including regional cities). Topics explored include climate change, circular economy and transport and mobility. Arup hosted the workshops in 6 bespoke Miro breakout rooms.

PLENARY WORKSHOP

30 SEPTEMBER, 2020

Arup presented a collaborative session in which participants considered their own systematic and holistic approach to the UN SDGs and input into the collective awareness and actions. The workshop included a panel session and live audience voting via Mentimeter.

4

ARUP

Arup is an independent firm of designers, planners, engineers, architects, consultants and technical specialists, working across every aspect of today's built environment. Together we help our clients solve their most complex challenges – turning exciting ideas into tangible reality as we strive to find a better way and **shape a better world.**

2

Cities Workshop

ARUP

28 September, 2020

5

Workshop team



LUKE SARSONS
Arup
Senior Climate Resilience and Sustainability Consultant



ROGER SWINBOURNE
Arup
Associate Principal



MIRANDA SNOWDON
Arup
Associate Sustainability



AMELIA TOMKINS
Arup
Sustainability Consultant



MORGAN FOSTER
Arup
Sustainability Consultant



ORLANDO HAYES
Arup
Environmental Scientist



THOMAS JACOBS
University of Melbourne
Project Coordinator of the SDGs Cities Challenge



PARIS HADFIELD
University of Melbourne
Research Fellow in Urban Innovation, Connected Cities Lab



ADRIAN WIGGINS
Arup
Associate Workshop Lead



ARIANA DICKEY
University of Melbourne
Research Assistant at the Connected Cities Lab



JESSIE BRIGGS
University of Melbourne
Research Fellow in Urban Sustainability



JEN DAM
University of Melbourne
Project Coordinator



DERLIE MATEO-BABIANO
University of Melbourne
Senior Lecturer in Urban Planning



CATHY OKE
University of Melbourne
Enterprise Senior Fellow in Informed Cities

ARUP

6

ARUP

Plenary Workshop

30 September, 2020

11

Plenary Workshop

Audience responses

WHICH PART OF THE WORKSHOP WAS BEST OF ALL FROM YOUR POINT OF VIEW?

'Deep discussions in the breakout rooms..'

'Bringing together different perspectives in a generative way!'

'Everyone getting a chance to speak as much as they wanted to do so.'

'The opportunity to work collaboratively through a problem with a group of experts.'

'Thanks for the facilitators, it couldn't have been easy for set everything up to run almost flawlessly.'

ARUP

10

Plenary Workshop

Overview

Leaving no one behind is the mantra of the SDG framework and illustrates the clear intention that the fruits of achieving the SDGs should be shared equitably. Meeting the goals means meeting them for everyone, not just on average.

At Arup we recognise that the time to act is now. Our commitment to the UN SDGs is guided by our implementation plan that is grouped under four key areas:

LEARN

Build capability and deep expertise through learning, knowledge management and communications

ENABLE

Integrate sustainable development in operations and practices.

ACT

Deliver projects, products, services and solutions that create shared value and drive innovation.

INFLUENCE

Use knowledge and networks to lead the way.

ARUP

12

Plenary Workshop

Live voting results

ARUP

WHICH CITY ARE YOU JOINING US FROM?

Location	Number of people
Regional Victoria, Australia	3
Adelaide, Australia	1
Brisbane, Australia	2
Melbourne, Australia	66
Newcastle, Australia	1
Perth, Australia	1
Sydney, Australia	7
Singapore, Republic of Singapore	1
Naarm, India	1
Chone, Ecuador	1
Total	84

13

Plenary Workshop

Live voting results

ARUP

HOW FAMILIAR ARE YOU WITH THE UNITED NATIONS SUSTAINABLE DEVELOPMENT GOALS?



15

Plenary Workshop

Live voting results

ARUP

WHAT FIELD/SECTOR DO YOU WORK IN?

Field/Sector	Number of people
Planning/Urban Design	15
Local Government	11
Academia /Student	14
Education	5
Architecture	7
Sustainability	8
Engineering /Construction	5
Built Environment and Cities	4
Environment /Environmental Science	3
International Development	2
Community Engagement	3
Other	7
Total	84

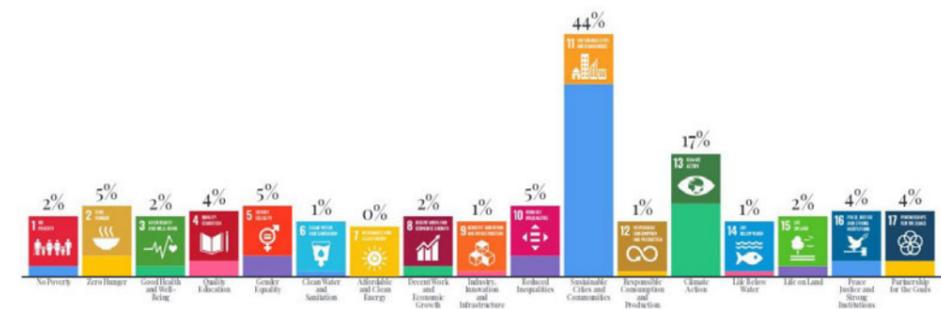
14

Plenary Workshop

Live voting results

ARUP

WHICH IS YOUR FAVOURITE UNITED NATIONS SUSTAINABLE DEVELOPMENT GOAL?



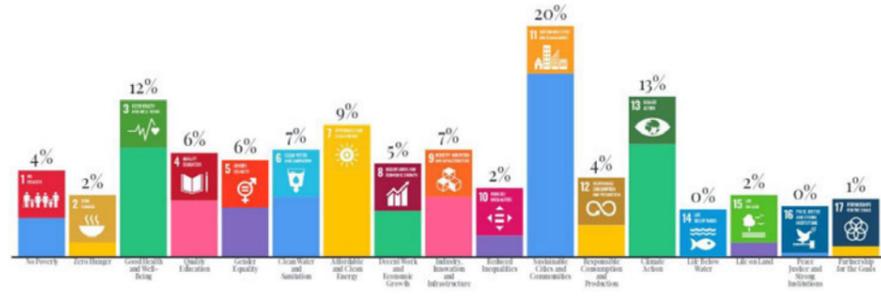
16

Plenary Workshop

Live voting results

ARUP

WHAT ARE THE MOST RECOGNISED UNITED NATIONS SUSTAINABLE DEVELOPMENT GOALS IN YOUR CITY?



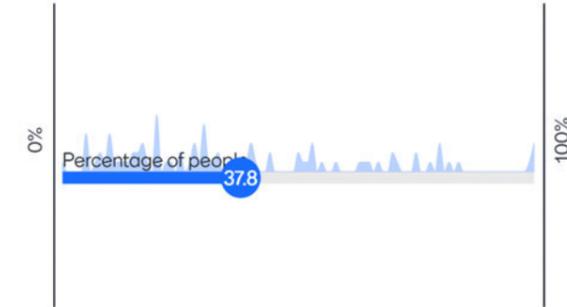
17

Plenary Workshop

Live voting results

ARUP

WHAT PROPORTION OF THE PEOPLE WHO CONTROL OR INFLUENCE YOUR CITY DO YOU THINK KNOW OF THE UNITED NATION SUSTAINABLE DEVELOPMENT GOALS IF YOU ASKED THEM IN THE STREET?



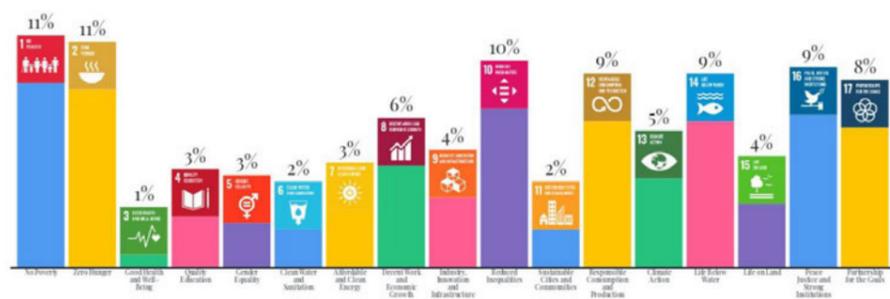
19

Plenary Workshop

Live voting results

ARUP

WHAT ARE THE LEAST RECOGNISED UNITED NATIONS SUSTAINABLE DEVELOPMENT GOALS IN YOUR CITY?



18

Plenary Workshop

Live voting results

ARUP

WHO DO YOU THINK NEEDS TO KNOW ABOUT THE UNITED NATIONS SUSTAINABLE DEVELOPMENT GOALS IN YOUR CITY?



20

Plenary Workshop

Live voting results

ARUP

WHO DO YOU THINK NEEDS TO KNOW ABOUT THE UNITED NATIONS SUSTAINABLE DEVELOPMENT GOALS IN YOUR CITY?

Planners, politicians, architects, NGOs, business leaders	All members of government organisations, including Local Council, State Departments (TNSW, NSW, HL, etc.), and Federal organisations including all members of parliament.	Children, students, community leaders, city leaders, everyone	Anyone who is shaping policy
All the LGAs CEOs	Councillors, planners, politicians	Us, the people. The SDGs should be taught in schools, integrated in policy and planning, and used to restructure the tertiary education system.	All citizens
I think everybody does at some level - those in government and powerful positions need to be able to integrate them within policy to be enacted, whereas at the community level everyone needs to have an understanding and sense of individual agency	everyone to act in different levels of society	The leaders, and definitely the public	Everyone
Everyone	Everyone!	Corporations	Decision makers.
Policy makers, NGOs, government officers	Councillors, citizens, government officials, business practitioners	General Population starting with school children	household
People and policy makers	Government, decision makers.	Everyone	The local government, policymakers, the general public need to be made aware of these as well, planners and designers

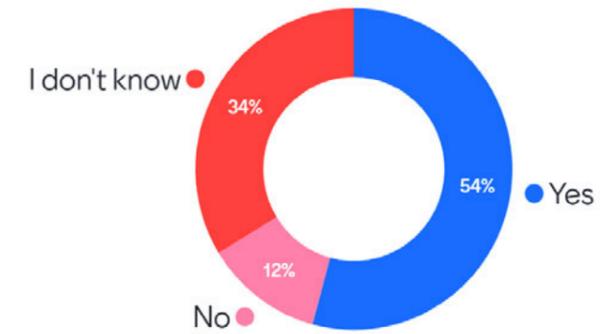
21

Plenary Workshop

Live voting results

ARUP

DOES YOUR CITY REPORT ON PROGRESS AGAINST ITS SUSTAINABILITY GOALS?



23

Plenary Workshop

Live voting results

ARUP

WHO DO YOU THINK NEEDS TO KNOW ABOUT THE UNITED NATIONS SUSTAINABLE DEVELOPMENT GOALS IN YOUR CITY?

The community - so they can start demanding what they deserve, know they are not alone and that they are not asking for too much.	Those who govern but equally and perhaps more important, the citizens	Planners, Politicians and elected members - all levels of government, All sectors, educators, Community, community organisations	Business groups and lawyers
Policy makers	Educators, government and corporate leaders	All leaders	I think the everyday citizen in Melbourne needs to about the UN SDGs. This also includes migrants or even international students who come from other countries. I believe that knowledge of the SDGs and an awareness of SDG should be in everyone
Policy makers	All citizens so that politicians, LGAs and business can be held accountable through a framework that resonates with their life experience and issues that impact them.	Council, Councillors, city planners	almost all of the city. Make, assemble, etc
Councillors, Council staff, development consultants, community groups, state government parliamentarians and public servants	Everyone!	my country needs more awareness on SDGs and more practical actions	Public and the policy makers
Community, people in industries like economy, insurance because they can impact government in policy making	Most of the industries and, of course, the local and federal government	all local and state gov leaders and employees	Everybody. We need to be aware of our future in order to act.
The Mayor	Politicians and decision makers	young generations	Society at large, industry to act and enable, policy makers to understand public value creation and quadruple bottom line for future generations.

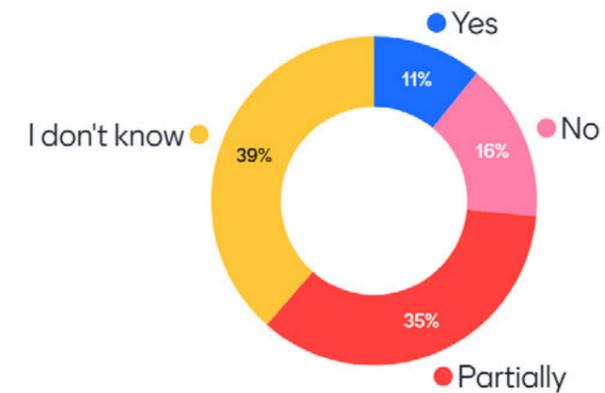
22

Plenary Workshop

Live voting results

ARUP

DOES YOUR CITY USE THE UNITED NATIONS SUSTAINABLE DEVELOPMENT GOALS AS PART OF THEIR REPORTING?



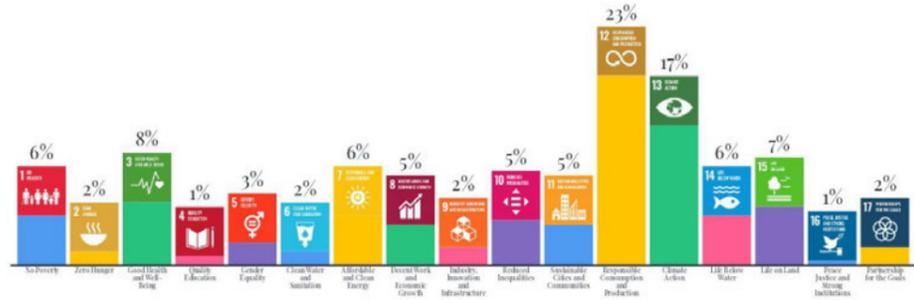
24

Plenary Workshop

Live voting results

ARUP

WHICH OF THE UNITED NATIONS SUSTAINABLE DEVELOPMENT GOALS IS MOST IMPORTANT TO YOU AS A CONSUMER WHEN YOU PURCHASE A PRODUCT OR SERVICE?



25

Plenary Workshop

Live voting results

ARUP

IN EACH OF THESE ACTIVITIES HOW MUCH INFLUENCE DOES SUSTAINABILITY HAVE IN YOUR DECISION MAKING?



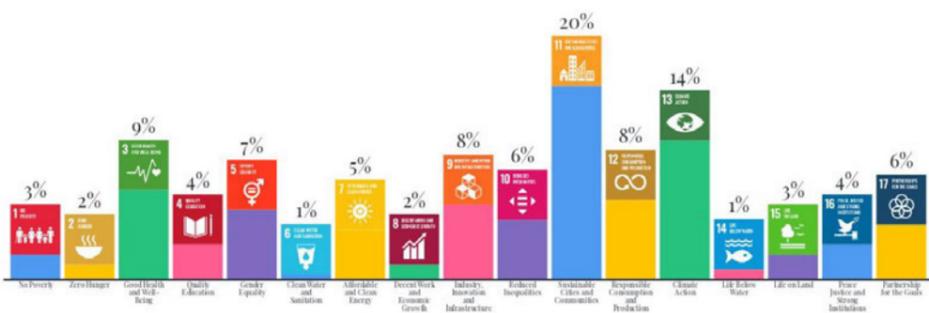
27

Plenary Workshop

Live voting results

ARUP

WHICH OF THE UNITED NATIONS SUSTAINABLE DEVELOPMENT GOALS IS MOST IMPORTANT TO YOU AS AN INFLUENCER OR IN YOUR WORK/EDUCATION?



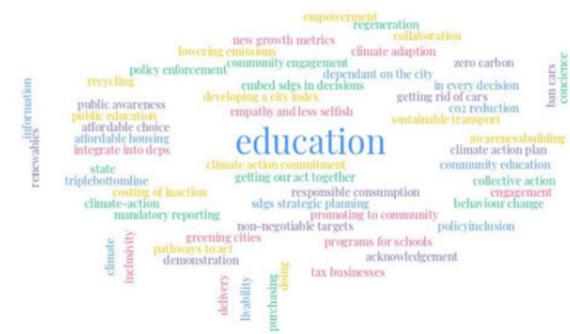
26

Plenary Workshop

Live voting results

ARUP

WHAT ACTION AT A CITY LEVEL DO YOU THINK WOULD HAVE THE MOST IMPACT ON PROGRESS TOWARDS THE UNITED NATIONS SUSTAINABLE DEVELOPMENT GOALS?



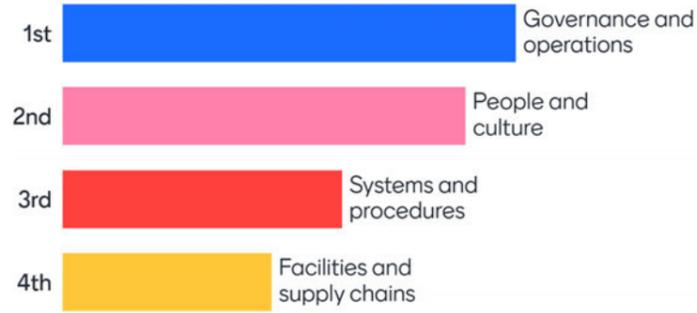
28

Plenary Workshop

Live voting results

ARUP

WHAT DO YOU THINK ARE THE MOST IMPORTANT COMPONENTS OF ENABLING THE CITY ORGANISATIONALLY TO SUPPORT THE EFFORTS TO DELIVER SUSTAINABILITY OBJECTIVES?



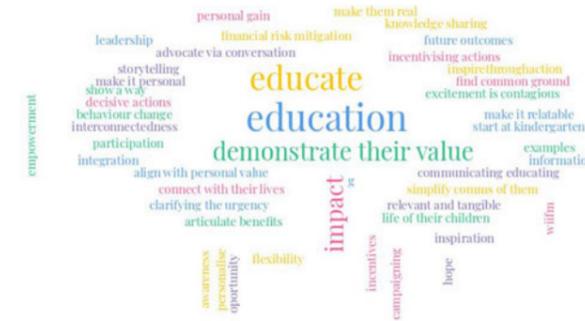
29

Plenary Workshop

Live voting results

ARUP

HOW DO YOU BEST MOTIVATE PEOPLE TO ENGAGE WITH THE UNITED NATIONS SUSTAINABLE DEVELOPMENT GOALS?



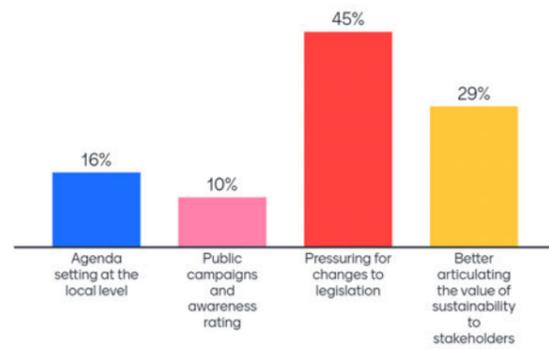
31

Plenary Workshop

Live voting results

ARUP

WHICH AREA OF SOCIETIES ACTION ON SUSTAINABILITY AND THE UNITED NATIONS SUSTAINABLE DEVELOPMENT GOALS DO YOU THINK NEED THE MOST IMPROVEMENT?



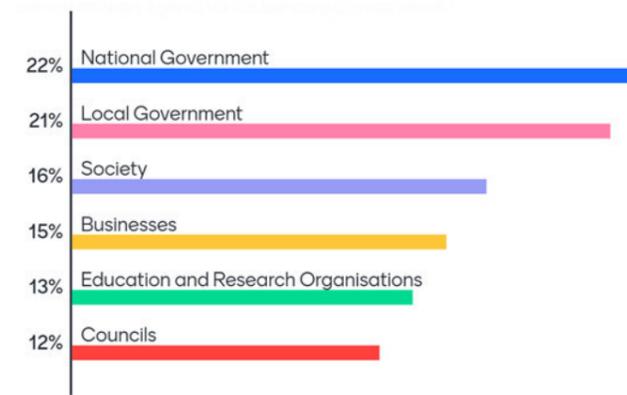
30

Plenary Workshop

Live voting results

ARUP

WHO DO YOU RECOGNISE AS THE KEY CHANGE AGENTS FOR SUSTAINABLE DEVELOPMENT?

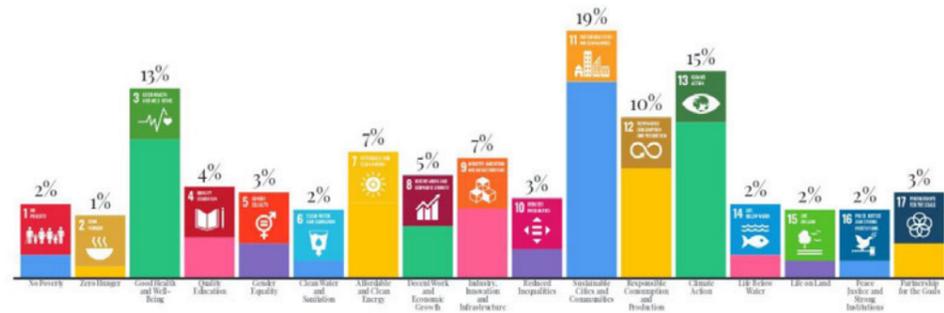


32

Plenary Workshop
Live voting results

ARUP

WHICH UNITED NATIONS SUSTAINABLE DEVELOPMENT GOALS ARE MOST RELEVANT IN YOUR CITY? (PICK 4)

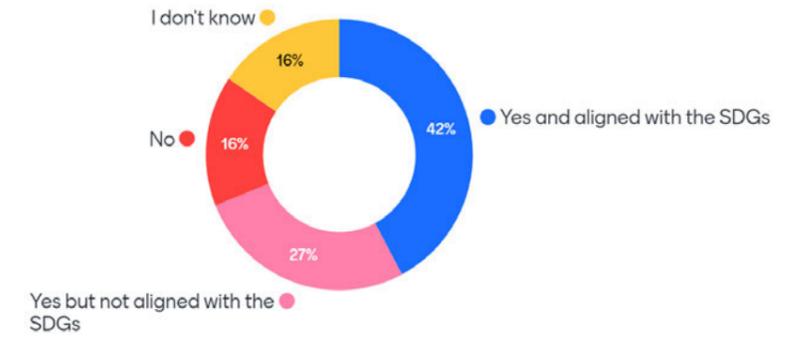


33

Plenary Workshop
Live voting results

ARUP

DOES YOUR ORGANISATION, WORKPLACE OR UNIVERSITY MEASURE PROGRESS ON RELEVANT SUSTAINABILITY ISSUES?

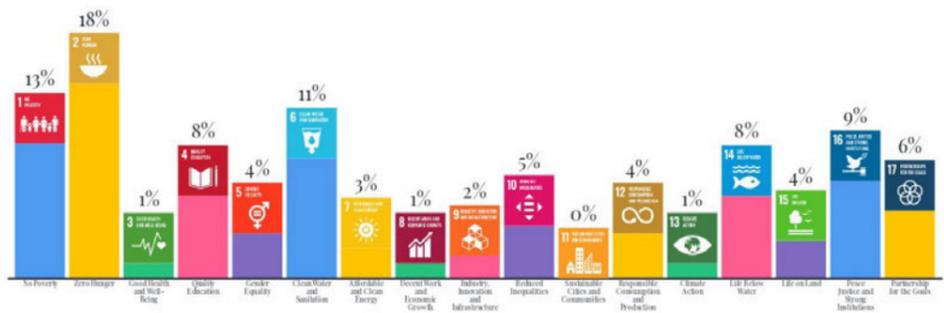


35

Plenary Workshop
Live voting results

ARUP

WHICH UNITED NATIONS SUSTAINABLE DEVELOPMENT GOALS ARE LEAST RELEVANT IN YOUR CITY? (PICK 4)

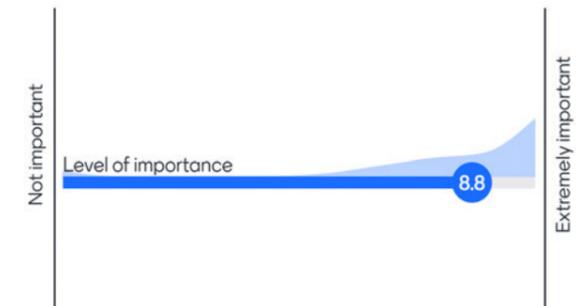


34

Plenary Workshop
Live voting results

ARUP

HOW IMPORTANT IS SUSTAINABILITY AS PART OF THE LONG-TERM VISION FOR YOUR CITY?



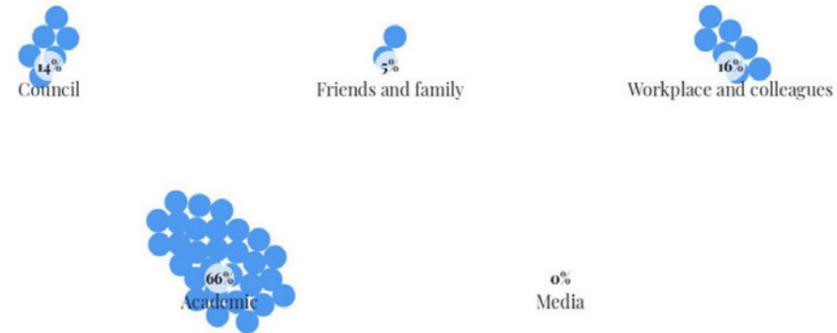
36

Plenary Workshop

Live voting results

ARUP

WHOSE VOICE DO YOU MOST TRUST WHEN MAKING SUSTAINABLE DECISIONS?



37

Plenary Workshop

Audience Feedback

ARUP

'Like listening to a radio station with hosts having a chat about the SDGS...'

'Really helpful and engaging session...'

'Nicely facilitated, almost like we were actually in the room together...'

'Loved the format, it was very inspiring...'

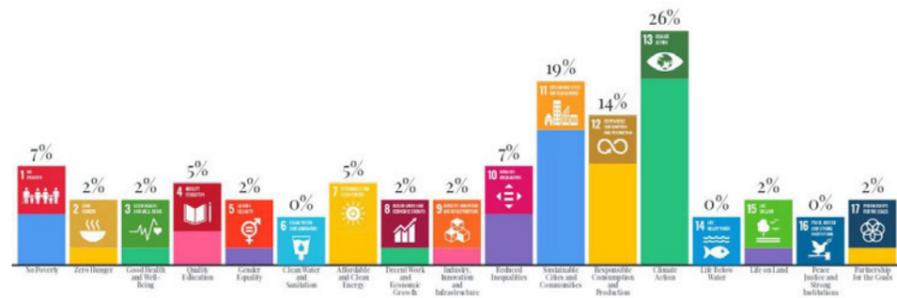
39

Plenary Workshop

Live voting results

ARUP

IF WE EMBRACE THE BEST THAT ALREADY EXISTS, WHICH UNITED NATIONS SUSTAINABLE DEVELOPMENT GOALS REQUIRE THE MOST URGENT ACTION AND WOULD YOU LIKE TO PRIORITISE?



38

VIEWER INSIGHTS DATA

This data shows the number of views and unique viewers of the Symposium on the InEvent platform. Keynote presentations were provided on the Faculty's YouTube platform to the delegates in advance of the symposium. During the event, panel discussions were also streamed to vimeo, and view numbers are listed here.

SESSION	INEVENT TOTAL VIEWS	INEVENT UNIQUE VIEWS	YOUTUBE VIEWS	AVERAGE TIME (INEVENT)
Indigenous Perspective on SDGs, Cities and Climate Change	251	161	239	4 hours, 12 minutes, 48 seconds
SDGs and Cities	207	144	211	42 minutes, 34 seconds
SDGs, Urban Planning for Equity and Climate Resilience in our Cities	196	133	192	1 hour, 21 minutes, 24 seconds
SDGs, Building Cities for Health and Wellbeing of People and Nature	207	133		2 hours, 6 minutes, 16 seconds
SDGs, Cities Acting on Climate Change, Encouraging a Circular Economy	272	166		40 minutes, 4 seconds

WELCOME AND CLOSING SESSIONS	INEVENT TOTAL VIEWS	INEVENT UNIQUE VIEWS	VIMEO VIEWS	AVERAGE TIME (INEVENT)
Day 1: Welcome	280	171	12	15 minutes, 42 seconds
Day 1: Close	98	60	10	9 minutes, 58 seconds
Day 2: Welcome	218	135	14	48 minutes, 31 seconds
Day 2: Close	71	56	3	37 minutes, 42 seconds
Day 3: Welcome	93	68	8	4 minutes, 40 seconds
Day 3: Close	71	65	0	1 hour, 55 minutes, 31 seconds

BREAKOUT SESSIONS	INEVENT TOTAL VIEWS	INEVENT UNIQUE VIEWS	AVERAGE TIME (INEVENT)
Breakout Session 1A: City Partnerships	312	123	33 minutes, 35 seconds
Breakout Session 1B: City Partnerships	189	95	35 minutes, 9 seconds
Breakout Session 1C: City Partnerships	128	70	21 minutes, 15 seconds
Breakout Session 1: City Partnerships	111	64	2 hours, 50 minutes, 24 seconds
Breakout Session 2A: SDG Reporting: Connecting the national to the local	345	139	34 minutes, 22 seconds
Breakout Session 2: #Recover Better - Partnering for local SDGs impact	190	105	1 hour, 3 minutes, 13 seconds
Breakout Session 2C: Embedding SDGs in organisational planning and the built environment	243	109	44 minutes, 41 seconds
Breakout Session 2D: Communication and Engagement with the SDGs	164	90	42 minutes, 50 seconds

DJIRRI DJIRRI DANCERS	INEVENT TOTAL VIEWS	INEVENT UNIQUE VIEWS	VIMEO VIEWS	AVERAGE TIME (INEVENT)
Djirri Djirri Dance Group - Wednesday	217	127	15	1 hour, 55 minutes, 44 seconds
Djirri Djirri Dance Group - Friday	42	34		4 minutes, 4 seconds

ARUP WORKSHOP	INEVENT TOTAL VIEWS	INEVENT UNIQUE VIEWS	AVERAGE TIME (INEVENT)
Leave no one behind: Learn - Enable - Act - Influence	397	207	3 hours, 46 minutes, 41 seconds

NETWORKING SESSIONS	INEVENT TOTAL VIEWS	INEVENT UNIQUE VIEWS	AVERAGE TIME (INEVENT)
Networking: Open Session	42	22	10 minutes, 40 seconds
Networking: SDG 13 - Climate Action	37	14	3 minutes, 34 seconds
Networking: SDG 9 - Industry, Innovation and Infrastructure	29	22	10 minutes, 30 seconds
Networking: SDG 7: Affordable and Clean Energy	24	9	2 minutes, 34 seconds
Networking: SDG 17 - Partnerships to achieve the Goal	15	5	1 hour, 27 minutes, 43 seconds
Networking: Open Session	74	52	11 minutes, 53 seconds
Networking: SDG 11 - Sustainable Cities and Communities	106	56	28 minutes, 49 seconds

PANEL DISCUSSIONS	INEVENT TOTAL VIEWS	INEVENT UNIQUE VIEWS	VIMEO VIEWS	AVERAGE TIME (INEVENT)
Panel Discussion 1: An Indigenous Perspective	637	263	171	47 minutes, 55 seconds
Panel Discussion 2: SDGs & Cities	346	207	38	1 hour, 19 minutes, 14 seconds
Panel Discussion 3: Urban Planning & Climate Resilience	238	165	13	1 hour, 22 minutes, 55 seconds
Panel Discussion 4: Health and Wellbeing of People and Nature	204	150	9	1 hour, 21 minutes, 25 seconds
Panel Discussion 5: Climate Change & a Circular Economy	154	115	12	2 hours, 7 minutes, 8 seconds

STUDENT AMBASSADOR TEAM

Writing Team

Stephanie Chen
Ariana Dickey
Christa Cowell
Lianxin Fan
Natasha Manawadu
Emily Pennell
Olivia Bloch
Aurora Jin
Claudia Navruk
Darshil Parikh
Jacqueline Marie Darwis
Julia Oleinikov
Manasi Chopdekar
Spencer John Nash
Yuhong (Annie) Yang
Alexandra Whitmore
Amber Young
Bingyao Liu
Sheikh Zarin Tasnim
Jiazhen Xu
Max Braybrook

Facilitation Team

Bingyao Liu
Sheikh Zarin Tasnim
Rohit Kochhar
Amber Young

Event Production Team

Ryan O'Callaghan
Alexandra Whitmore

We thank the New Student Precinct for supporting the Symposium, via involvement of New Student Ambassadors in our Student Ambassador Team

THANK YOU

JT Production Management
Melbourne School of Design, Faculty of Architecture, Building and Planning Engagement, Events and Marketing Teams
Student Ambassadors
SDGs Cities Challenge Project Management Team

This ABP Symposium was hosted by

Connected Cities Lab,
Faculty of Architecture, Building and Planning, University of Melbourne
Business Council for Sustainable Development Australia
Banksia Foundation

Supported by

ABP - Industry Grant
Arup
Marrup Barak Melbourne Institute for Indigenous Development
Melbourne Sustainable Society Institute (MSSI)
New Student Precinct - University of Melbourne
Sustainability Team – University of Melbourne
United Nations Economic and Social Commission for Asia and the Pacific (ESCAP)
Urban Thinkers Campus '5.0' event, part of the UN-Habitat led World Urban Campaign.
Sustainable Development Solutions Network (SDSN)
United Nations Association of Australia, Victoria

PRESENTED BY



Faculty of Architecture,
Building and Planning

PARTNERS



CONNECTED
CITIES –
– LAB



ARUP



URBAN
THINKERS
CAMPUS
THE CITY WE NEED

Thanks to the United Nations Economic and Social Commission for Asia and the Pacific (ESCAP), who are supporting the development of Voluntary Local Reviews as part of the SDGs Cities Challenge. The Symposium is an official Urban Thinkers Campus '5.0' event, part of the UN-Habitat led World Urban Campaign.

A special mention to Melbourne Sustainable Society Institute, Marrup Barak and the New Student Precinct who we worked with to assemble a Student Ambassador group to work with us on program development, facilitation and writing.



