



AFRICAN CENTRE FOR CITIES
urbanism from an african perspective

AFRICAN INFRASTRUCTURE FUTURES

Policy Conference

Programme



CONVENED BY



AFRICAN CENTRE FOR CITIES
urbanism from an african perspective

EVENT PARTNERS



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URBAN FUTURES STUDIO

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WELCOME

Building Common Purpose for Africa's Urban Success

In the midst of COP 27, the global economic crisis marked by rising inflation and profound food insecurity, it is an opportune time to reflect on Africa's development prospects. COVID-19 interrupted and pushed back development gains that African countries have been making since the 2000s when greater political stability began to translate into sustained GDP growth rates, which in turn made it possible to aggressively pursue the Millennium Development Goals (2000-2015). During 1990-2020, Africa's urban population almost doubled; it is poised to do the same between 2020-2050, reaching 1.2 billion people living in urban areas. This is four times the size of Europe's urban population.

The world is turning out to be a much more precarious, divided and uncertain place between now and 2050 due to inaction on climate change, a failure to address multi-dimensional inequality and the rise of rightwing and religious populism, which is fuelling social divides and armed conflict. Amidst the financial crises of 2008 and 2019, governments have turned to infrastructure-led growth fiscal policies to not only avert economic collapse, but also reposition settlements and value-chains to become decarbonised and catalysts for more inclusive and just forms of living.

Africa's north star vision—*Agenda 2063, The Africa We Want*—reflects a similar approach and places vibrant, sustainable, smart and inclusive cities at the heart of this investment programme. African Centre for Cities and partners convenes the African Infrastructure Futures Conference to open up a frank and pointed dialogue between social partners—governments, investors, businesses, academia, civil society organisations and cultural practitioners—about what the stakes are and what we need to do to ensure African solutions for Africa's unique challenges.

The first objective is to achieve some agreement on what we mean by sustainable infrastructure in the African context given the predominance of informal labour markets and large-scale slum living and inadequate access to basic services. A second objective is to foster a shared understanding that an ambitious agenda to transform our cities and neighbourhoods can catalyse green industrialisation and a hands-on form of substantive citizenships. Third, the conference will confront the enormous financial and institutional challenges that we must address if the potential of sustainable urbanisation and green industrialisation is to be realised and not just be empty slogans.

Given the number of intersecting challenges, diverse institutional settings and geographical conditions, we have to create and accelerate the capacity to experiment and innovate. It is not that easy to shift infrastructure business models from its current carbon-intensive formats to more sustainable and inclusive ones. Such experiments will have to be rapidly shared across the African continent to enable rapid uptake and deployment. The conference aims to convince delegates that we all need to work in an

open-source manner to foster a confidence that we can pro-actively address African urbanisation and use it to shift the backbone of the common African market onto a sustainable footing.

This conference represents one of the rare occasions where Africans from all social sectors, governments and investment communities come together to apply our minds to find answers for some of the biggest questions facing the continent amidst climate change, job-less growth and rising inflation.

Prof Edgar Pieterse
Director of African Centre for Cities
NRF South African Research Chair in Urban Policy

THANK YOU

The African Centre for Cities (ACC) would like to express our sincere gratitude to our event partners for joining us in hosting the African Infrastructure Futures Conference. This alliance of partners was the first step in building the common purpose for the urban success we seek to establish through the event. The partners not only supported the realisation of the event but also contributed substantively to shaping the programme.

We'd like to thank:

Alfred Herrhausen Gesellschaft
C40 Cities Climate Leadership Group
Covenant of Mayors in Sub-Saharan Africa
DBSA
ICLEI Africa
Urban Futures Studio, Utrecht University
World Resources Institute-Africa

We would also like to thank the ACC team and the staff members who served on the conference organising committee for their work.

PROGRAMME | POLICY CONFERENCE, 22 November 2022

09:30-09:45 WELCOME	Edgar Pieterse, African Centre for Cities, University of Cape Town, South Africa
09:45-11:00	<p><i>Session 1 - SETTING THE SCENE</i></p> <p>Video Message: Wanjira Mathai, Vice President and Regional Director for Africa, World Resource Institute</p> <p>Keynote: Carlos Lopes, Professor, Nelson Mandela School of Public Governance</p> <p>Panel:</p> <ul style="list-style-type: none"> ▪ Jo da Silva, Global Director of Sustainable Development, Arup ▪ Mark Swilling, Board Chair, DBSA ▪ Carlos Lopes, Professor, Nelson Mandela School of Public Governance <p>Chair: Mamphela Ramphele, Co-President, Club of Rome</p>
11:00-11:30	BREAK
11:30-13:00	<p><i>Session 2 - THE OPPORTUNITY</i></p> <p>Theme: Implementing Sustainable Infrastructure Transitions</p> <p>This panel starts with a bespoke audio-visual presentation about what it means to invest in sustainable infrastructure in the African context. This is meant to frame the stakes and challenges involved in conceiving and driving transitions in different African contexts. The presentation will be done by Michael Uwemendimo from CMAP in Port Harcourt.</p> <p>Panel:</p> <ul style="list-style-type: none"> ▪ Regina Opondo, Senior Community Principal, Kounkuey Design Initiative ▪ Azizat 'Sola Gbadegesin, Professional Officer, ICLEI Africa ▪ Muhammad Gambo, Manager: Policy, Research and Partnerships, Shelter Afrique <p>Chair: Hastings Chikoko, Regional Director for Africa, C40 Cities Climate Leadership Group</p>
13:00-14:15	LUNCH

14:15-15:30

Session 3 - THE STAKES
Theme: Bringing Agenda 2063 to Life: A Vision for Green Industrialisation and Pan-African Connectivity

Scene-setting input: Anton Cartwright, Economist, African Centre for Cities
Cartwright will spell out the economic case for an infrastructure-led approach to green industrialisation and job creation. He will also introduce the two national governance instruments—NDCs and NUPs—that can be deployed to facilitate the necessary policy alignment across levels of government, and between the country and international actors. He will reference the South African example and a few others. This framework has implications for how various economic actors define opportunity, risk and priorities. Cartwright will set the stage for considering how evident trends can be engaged and altered.

Panel:

- Rudi Dicks, Head of the Investment and Infrastructure, Office in the Presidency, South Africa
- Victoria Delbridge, Head of Cities that Work, International Growth Centre
- Jane Weru, Executive Director and Founder Member, Akiba Mashinani Trust

Chair: Philip Harrison, South African Research Chair in Spatial Analysis and City Planning, Wits University

15:30-16:00

BREAK

15:30-17:30

Session 4 - HOW WILL WE PAY FOR THE TRANSITION?
Theme: Financing Sustainable Infrastructure Programmes in Africa

There is widespread agreement that Africa faces a massive infrastructure finance gap if the imperative of climate-resilient approaches is disregarded. If the lens of sustainable infrastructure is applied, the problem magnifies, especially since most African cities are not in a position to tap new financial instruments. This session will focus on a novel understanding of the global structural dimension of the problem, before considering a number of specific initiatives under way to innovate. Representatives from the main DFIs will be asked to reflect on what needs to be done to accelerate investment in the right priorities.

Panel:

- Paul Muthaura, Chief Executive, Emerging Markets Regulation and Development Advisory
- Aklilu Fikresilassie, Director, Thriving Resilient Cities, WRI Africa; & Representative of WRI In Ethiopia
- Catherine Koffman, Group Executive: Project Preparation, DBSA
- Dirk van den Berg, Head of Export Finance, Southern Africa, UK Export Finance

Chair: Trevor Manuel, former South African Minister of Finance

17:30-19:30

EXHIBITION OPENING

09:00-09:45	<p>Opening Session: SOFT INFRASTRUCTURE FOR THE SOUL</p> <p>Since most of the conference is focussed on the hardware of African cities, the purpose of this panel is to underscore a simultaneous focus on the soft infrastructures of successful cities: people, culture, beauty, and aesthetics. These considerations come to the fore in practices of design, placemaking, and fostering a generous and welcoming spirit in cities. African design is increasingly coming into prominence globally. The scene will be set with pre-recorded input by Christian Benimana, Director of the African Design Centre in Kigali, Rwanda.</p> <p>Panel:</p> <ul style="list-style-type: none"> ▪ Tessa Brunette, Sustainability Leader for Africa, India and Middle East, Arup ▪ Threshen Govender, Director and Founder, UrbanWorks Architecture and Urbanism <p>Chair: Edgar Pieterse, Director, African Centre for Cities</p>
09:45-10:45	<p>Session 1 - HOW CAN DATA AND RESEARCH MAKE AN IMPACT?</p> <p>Urban transformation is impossible without sound data and analytics. Given the unique hybrid character of African cities, evidence and insight cannot only come from conventional academic research. Instead, we need institutionalised mechanisms to co-produce understandings of pressing problems and potential solutions. It is also necessary to complement such processes with rigorous statistical and empirical analysis linked to strategies to make information accessible to diverse constituencies. It is also important to share data, knowledge and learning more effectively, since most cities face similar problems. Examples will be shared with an eye on the broader question: What is required at the level of the city, regions, and other levels to optimise evidence-driven policy design, implementation, and continuous learning?</p> <p>Panel:</p> <ul style="list-style-type: none"> ▪ Liza Rose Cirolia, Senior Researcher, African Centre for Cities ▪ Christina Culwick Fatti, Senior Researcher, Gauteng City-Region Observatory ▪ Michael Uwemedimo, Project Director, CMAP ▪ Paul Currie, Associate Director: Urban Systems, ICLEI Africa <p>Chair: Andrew Tucker, Deputy Director, African Centre for Cities</p>
10:45-11:15	BREAK
11:15-12:30	<p>Session 2 - CITIES TAKING THE LEAD IN THE SUSTAINABLE INFRASTRUCTURE TRANSITION</p> <p>A core argument of the conference is that cities need to take the lead in advancing sustainable infrastructure approaches. However, this is very difficult because the multi-level governance systems in most African countries prevent this in legal and policy terms. In this session we want to explore how to address this structural problem. The panel will consist of a mayor, a representative of UCLG Africa, and a representative from the infrastructure division of the South African Local Government Association. The core intent is to reflect on the obstacles that city governments in Africa face to implement sustainable infrastructure projects and ensure the voices of their constituents are reflected in large-scale programmes and</p>

projects initiated by other levels of government and agencies. Also, there will be a session on the financing mismatch on day one, and these panellists will be invited to refer back to the outcomes of that session.

Panel:

- Morris Mbolela, Deputy Secretary General, United Cities and Local Governments of Africa
- Manuel de Araújo, Mayor, City of Quelimane, Mozambique
- Mthobeli Kolisa, Chief Officer, Infrastructure Delivery, Spatial Transformation Services & Sustainability, South African Local Government Association

Chair: Amollo Ambole, Programme Director, African Mayoral Leadership Initiative

12:30-13:45

LUNCH

13:45-14:45

Session 3 - X FACTOR FOR SUCCESS: ACCELERATING INNOVATION ECOSYSTEMS

It is self-evident that the technological, institutional, financial, and political implications of a shift from conventional infrastructure and planning approaches to sustainable ones will be demanding and complex. A lot of risk and uncertainty is a given. It is therefore imperative to create an enabling framework to experiment and test alternative approaches as part of a larger policy reform process to mainstream sustainable infrastructure models. This panel will critically reflect on what this innovation ecosystem infrastructure at the city level might look like, and how it can optimise continental exchange and learning.

Panel:

- Milica Begovic, Global Innovation Adviser, UNDP - Video input
- Abdinassir Sagar, Associate Program Officer, Digital & Innovation, UN-Habitat
- Geci Karuri-Sebina, Civic Tech Innovation Network Coordinator
- Vera Bukachi Legros, Inclusive and Resilient Cities Specialist, UCL

Chair: Yolisa Kani, Group Chief Business Development Officer, Transnet SOC Ltd.

14:45-15:45

Session 5 - CONCLUDING PANEL WITH HOSTING PARTNERS

Panel:

- Arup
- C40 Cities Climate Leadership Group
- DBSA
- Alfred Herrhausen Gesellschaft
- Urban Futures Studio, Utrecht University
- ICLEI Africa
- World Resources Institute-Africa
- Covenant of Mayors in Sub-Saharan Africa

Chair: Susan Parnell, Global Challenges Research Professor, University of Bristol, and Emeritus Professor at the African Centre for Cities

15:45- 16:00

Closing Session



Carlos Lopes
Keynote Speaker

Carlos Lopes is a Professor at the Mandela School of Public Governance, University of Cape Town, Visiting Professor at Sciences Po, Paris, and a Chatham House Associate Fellow. He belongs to the boards of about a dozen institutions and currently Chairs the African Climate Foundation. Lopes has occupied several leadership positions across the United Nations system, including Policy Director for Secretary-General Kofi Annan and Executive Secretary of the UN Economic Commission for Africa and was associated with key African Union reform processes.



Jo da Silva
Panelist

Jo da Silva has earned global recognition as an engineer who has applied her knowledge and design expertise to improve safety, promote inclusivity, and enhance resilience of communities, cities, and infrastructure globally. She has led the planning, design, and implementation of buildings, infrastructure, and urban regeneration projects globally, and worked extensively in crisis and disaster contexts for non-governmental, UN, and multi-lateral agencies. She is currently Global Sustainable Development Leader at Arup Group leading business transformation in response to the climate, nature, and equity crises. In 2007 she founded Arup's International Development business to direct Arup's expertise and creativity to improving human development outcomes in emerging economies and fragile contexts. Da Silva has an honorary doctorate in humanitarian engineering from Coventry University, was awarded a Gold Medal by the Institution of Structural Engineers in 2017, and in 2021 was recognised as a Royal Designer for Industry for sustainable design. She was made a Dame Commander of the British Empire in the 2021 New Year Honours for services to engineering and sustainable international development.



Mark Swilling
Panelist

Mark Swilling is Programme Coordinator of the Sustainable Development Programme in the School of Public Leadership at Stellenbosch University, Academic Director of the Sustainability Institute, and Co-Director of the Stellenbosch Centre for Complex Systems in Transition. His primary research focus can be defined as ‘societal transitions’ within the wider discipline of sustainability science and governance, with a particular contextual focus on urban sustainability. His published research was coupled to major institution-building collaborations – an achievement recognised in 2010 when he was awarded the Aspen Faculty Pioneer Award for success in introducing sustainability into leadership education. In addition to over 60 academic articles/book chapters, Swilling has published several books including *Just Transitions: Explorations of Sustainability in an Unfair World* (with Eve Annecke), *Untamed Urbanisms*, and *Greening the South African Economy*.



Mamphela Ramphele
Chair

Mamphela Ramphele has had a celebrated career as an activist, medical doctor, academic, businesswoman, and political thought leader. She was co-founder with Steve Biko of the Black Consciousness Movement that reignited the struggle for freedom in South Africa. She is co-founder of ReimagineSA, co-president of the Club of Rome, and Chair at the Desmond Tutu IP Trust. She has received numerous national and international awards acknowledging her scholarship and leading role in promoting the empowerment of women, youth, and other oppressed people in South Africa and globally. Ramphele is the author of several books and publications on socio-economic issues in South Africa.



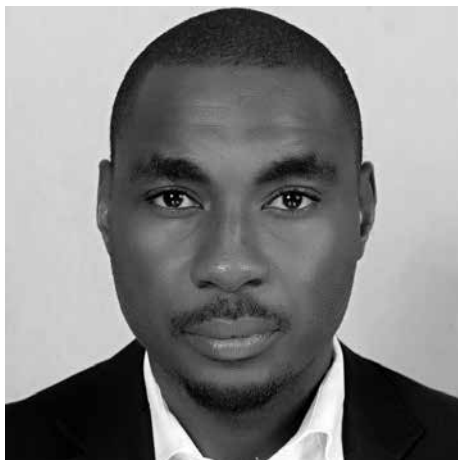
Regina Opondo
Panelist

Regina Opondo is a Justice and Peace worker with over 16 years of experience in championing human rights, good governance, and citizen engagement. She currently serves as Senior Community Principal at Kounkuey Design Initiative (KDI) in Kenya, where she supports KDI's commitment to the community-driven transformation of public spaces through partnership, capacity development, advocacy, and networking. Opondo is passionate about social justice and the equitable development of all people. She is keen on studying how the arts and technology can strengthen civic engagement and organising capacity, especially for women and girls.



Azizat 'Sola Gbadegesin
Panelist

Azizat 'Sola Gbadegesin completed her Bachelors' degree in Electrical and Electronics Engineering from the University of Lagos, Nigeria. After graduation, she worked in the oil and gas sector in Nigeria and the United Kingdom, then continued her career in the power and energy sector. In the last 13 years, she obtained her Master's degree on Energy efficient buildings from the University of Lagos, Nigeria, her PhD degree on Optimal management of energy storage systems from the University of Johannesburg, South Africa; and has authored journal and conference articles. Her work on projects in different African cities involves developing pathways to sustainable access to energy, planning and prioritising renewable energy and energy efficiency projects, engaging national government stakeholders, providing technical support on energy initiatives and building the capacity of city staff. She also served on the National committee charged with the development of Minimum Energy Performance Standards (MEPS) for appliances in Nigeria and has trained professionals on the use of HOMER software for designing renewable energy systems.



Muhammad Gambo
Panelist

Muhammad Gambo leads the Policy, Research and Partnerships unit of Shelter Afrique, a pan-African housing finance institution based in Nairobi. He manages the policy, research, and partner relationship aspects of the organisation, with the aim of providing innovative solutions to Africa's housing and urban development challenges. In this role he has spearheaded and accomplished key resource mobilisation and strengthened partnerships with government, private-sector and other stakeholders in support of affordable housing and built environment practices in Africa. Prior to joining Shelter Afrique he provided consulting services to several government, multilateral development, and finance institutions on innovative financing, infrastructure reform, and regulation practices in sub-Saharan Africa, and also lectured at Nigeria's Ahmadu Bello University. Gambo holds a PhD in Real Estate and Facilities Management from Malaysia's Universiti Tun Hussein Onn and has participated in executive education programmes at UCT's Graduate School of Business, the University of Pennsylvania's Wharton School, and Kenya's Strathmore University Business School.



Hastings Chikoko
Chair

Hastings Chikoko is Regional Director for Africa at C40 Cities Climate Leadership Group. He serves on the Advisory Board of the African Centre for Cities and the Global Supervisory Council/Board of Wetlands International. He is currently a member of the Institute of Business Advisors – Southern Africa (IBASA). With a postgraduate degree in Cities from the London School of Economics (LSE), his work with local governments started at the City of Blantyre and later at the Ministry of Local Government in Malawi. Prior to joining C40, he had a long career with the International Union for Conservation of Nature (IUCN) in Zimbabwe, Kenya, South Africa, and Switzerland; including being the Regional Director (ad interim) for East and Southern Africa, and Head of IUCN in South Africa. Chikoko has also been one of the International Development Research Centre's African Mentors for policy think-tanks in Africa, a member of the Regional Technical Committee for the Global Water Partnership, a Board Member for Africa World Heritage Fund, and Advisory Board Member for the Responsible Business Forum.



Anton Cartwright
Panelist

Anton Cartwright is an economist affiliated to the African Centre for Cities (ACC) and focussing on the interaction between human wellbeing and ecological integrity. He led ACC's work on a Just Urban Transition in South Africa in 2022 and the Coalition for Urban Transition's work in Tanzania and Ghana. In 2021 he was part of a team that compiled the economic diversification strategy for Central Africa on behalf of UN-ECA. He was a Contributing Author to the Sixth Assessment Report (2022) of the Intergovernmental Panel on Climate Change (IPCC) Working Group II, and has produced IPCC summaries for finance sector and city decision-makers. As a Mistra Urban Futures researcher, he oversaw the City of Cape Town's green economy and its Climate Change Think Tank. Cartwright was the economist in the team that developed the Western Cape's SmartAgri strategy and authored the WWF's (International) Water Scarcity Risk Framework in 2007. He is a Senior Associate of the Cambridge Institute for Sustainability Leadership and founded the development economics consultancy Econologic in 2003. He also founded and continues to direct Credible Carbon, South Africa's first voluntary carbon market registry.



Rudi Dicks
Panelist

Rudi Dicks is the Head of the Project Management Office (PMO) in the Private Office of the President of South Africa. He is responsible for supporting the implementation of the Presidential Employment Stimulus (PES), the Presidential Youth Employment Initiative (PYEI), and for unblocking regulatory challenges that impact on employment and economic growth. He jointly leads Operation Vulindlela, which has been established as a joint initiative between the Presidency and National Treasury to accelerate structural reforms. In his previous role he was an Outcomes Facilitator at the Department of Planning, Monitoring and Evaluation (DPME), responsible for monitoring the performance of economic and infrastructure outcomes and supporting various economic interventions across government. In this role he established the Socio-Economic Impact Assessment System (SEIAS) that is currently applied to assess the impact of legislation on society and the economy. He also formerly served as the Executive Director of the National Labour and Economic Development Institute (NALEDI), the research arm of the Congress of South African Trade Unions (COSATU), from 2008 to 2013.



Victoria Delbridge
Panelist

Victoria Delbridge is Head of the International Growth Centre's Cities that Work initiative. She works with leading academics in the field to develop a network of economists, urban planning practitioners, and policymakers to translate economic research into clear urban policy guidance. She holds an MSc in Economics for Development from the University of Oxford, and a BSc in Environmental and Geographical Science and Economics from the University of Cape Town. Prior to her master's studies at Oxford, Delbridge was an economist at South Africa's provincial Western Cape Department of Economic Development and Tourism. Her current research areas include urban land use planning, public infrastructure and service provision, urban employment, municipal finance, and city-level data strategies.



Jane Weru
Panelist

Jane Weru is a lawyer who holds a master's degree in NGO Management from the London School of Economics. She is Executive Director and a founding member of Akiba Mashinani Trust (AMT), a non-profit organisation working on developing innovative community-led solutions to housing and land tenure problems for the urban poor in Kenya. AMT is the financing facility of the Kenya Federation of Slum Dwellers (Muungano wa Wanavijiji). Since August 2018 she has also been project leader of the Mukuru Special Planning Area, a Nairobi County Government project aimed at developing an integrated development plan to improve the lives of the 100,000 households that presently occupy over 600 acres of land within the city. Weru has vast experience and awards across arenas such as the Ashoka Fellowship, and has served as a member of the National Task Force for the Community Land Bill and the Evictions and Resettlement Bill. She is also a member of the Provincial Commissioners Informal Settlements Committee, a former board member of Slum/Shack Dwellers International (SDI), and former Team Leader for the Kenya Railway Relocation Action Plan.



Philip Harrison
Chair

Philip Harrison is the South African Research Chair in Spatial Analysis and City Planning funded by the National Research Foundation and hosted by the University of the Witwatersrand. He served as a member of the National Planning Commission in the Office of the President from 2010 to 2015. Previously, Harrison was Executive Director in Development Planning and Urban Management at the City of Johannesburg for 4 years from 2006 to 2010. Prior to that, he held a number of academic positions at the Universities of the Witwatersrand and Natal, including Professor and Chair of Urban and Regional Planning at Wits from 2001 to 2006. He has published widely in the fields of city planning and regional and urban development. His most recent book publication is the jointly edited *Changing Space, Changing City: Johannesburg after Apartheid* with a book on *Densification in Johannesburg* in press.



Paul Muthaura
Panelist

Paul Muthaura has a leadership track record cutting across the private and public sector at national, regional, and international levels. He provides consultancy and advisory services through Emerging Markets Regulation and Development (EMRD) Advisory Ltd, working with agencies such as Financial Sector Deepening Africa (FSDA) and World Bank/International Finance Corporation (WB/IFC). He supports the development of capital markets in emerging African jurisdictions and implementation mechanics for climate finance. His work in the net-zero transition space is focused on twinning transitions to greater resilience, inclusion, and carbon neutrality with the stimulation of economic value in developing economies. He is the Africa Chair for the newly formed Impact Infrastructure Commission that is facilitating the reconceptualisation and repositioning of approaches to impact infrastructure deployment and financing with distinct but complementary initiatives across the UK, Germany, Sweden, Canada, and Africa. Muthaura has previously been CEO of ICEA LION General Insurance Kenya, and was a board member of various ICEA LION Group entities in Kenya, Tanzania, and Uganda.



Aklilu Fikresilassie
Panelist

Aklilu Fikresilassie is the Director of Thriving Resilient Cities at WRI Africa and Representative of WRI in Ethiopia. Aklilu has more than 16 years of professional leadership and technical experiences in the field of Urban Development and Management as well as managing non-governmental programmes. Prior to joining WRI, Aklilu spent 7 years at United Nations Human Settlements Programme (UN-Habitat) as a Programme Manager, representing the agency in Ethiopia, while working with the UN-Habitat, Aklilu has successfully represented the agency in the United Nations Country Team and played a key role in positioning the urban agenda in the UN joint programmes and supported the Ethiopian Government's endeavor towards Sustainable urbanization. He also worked with UNDP in South Sudan as Planning Specialist and team leader. Further, Aklilu led the bureau of Finance and Economic Development where he managed the government and NGOs, bilateral and multilateral programmes. In addition to his managerial and technical role, Aklilu is a researcher on thematic areas such as urbanization, environment, water resources and common pool resources.



Catherine Koffman
Panelist

Catherine Koffman is the Group Executive for Project Preparation at the Development Bank of Southern Africa (DBSA). She is a qualified admitted attorney, with more than 20 years experience in legal, commercial and financial services. She is recognised for her extensive infrastructure investment banking expertise, across numerous sectors and has been intimately involved in a number of "firsts" and landmark infrastructure project finance transactions. Following an exciting structured finance advisory career at Arthur Andersen, Catherine joined Nedbank in 2004 in the Nedbank Capital (Nedbank Corporate and Investment Bank) Infrastructure and Telecommunications Project Finance team. As the first female Head of Infrastructure Project finance in a commercial bank in South Africa, her mandate included determining and executing the Group's infrastructure growth strategy for SA and rest of Africa.



Dirk van den Berg
Panelist

Dirk van den Berg has extensive experience in finance and business which he largely gained in investment and corporate banking, over nearly four decades. He has exposure across multiple disciplines including credit, corporate sales, business development and relationship management and also has extensive experience in the financing of trade and working capital, as well as structured and corporate finance. He has held various leadership positions in leading international and South African banks including HSBC, ABSACapital, Nedbank and First Rand Group. Before joining UKEF, as Head for Southern Africa, just over two years ago, he was a consultant for logistic and freight providers as well as BBBEE entities. He holds B.Com, MBA and LLB (Cum Laude) degrees.



Trevor Manuel
Chair

Trevor Manuel served as a Cabinet Minister from 1994 to 2014 under the first four Presidents of democratic South Africa: Mandela, Mbeki, Motlanthe and Zuma. He was first appointed to Cabinet as Minister of Trade and Industry in May 1994, a portfolio he held for two years. In April 1996, he became Finance Minister, steering the South African economy for 13 years as one of the world's longest serving finance ministers. During his last term in office, he served as Minister in the Presidency responsible for the National Planning Commission, a position he held from May 2009 to May 2014. During his two decades as a Cabinet Minister he also served as a Member of Parliament, representing the African National Congress in a system of proportional representation. He is an Honorary Professor at the Mandela School at UCT (since 2015) where he is a Senior Political Fellow, and as Professor Extraordinaire at the University of Johannesburg (since 2014). Manuel is Chairperson of Old Mutual Limited. He is a Senior Advisor to and the Deputy Chairperson of Rothschild South Africa. He also serves as a Trustee on the Allan Gray Orbis Endowment Trust. He is also the chair of the African Centre for Cities Advisory Board.



Thireshen Govender
Panelist

Thireshen Govender is an architect, urbanism and researcher practicing through Johannesburg, South Africa. Following a Masters in Urban Design at The Bartlett (UCL), he founded UrbanWorks, a design-research studio concerning itself with the design and implementation of transformative infrastructures in post-traumatic sites. He is the co-author of *Township Economies: People, Spaces, Practices* (2020) - which brings new insights into how frontier territories are being established through rampant informal practices. His research through the University of Johannesburg's Graduate School of Architecture, where he led Unit 14: Rogue Economies, documents the hidden forces shaping our cities while experimenting with methods on radical speculation in the context of extreme urban crisis.



Tessa Brunette
Panelist

Tessa Brunette is an architect and building envelope designer and leads the Arup Buildings group in Cape Town, South Africa. She specialises in delivering integrated design solutions that are grounded on sustainable principles to deliver true value. She works in collaboration with the design team and client to quickly identify and develop design solutions that are pragmatic, cost-effective and support the architectural intent. Her experience spans across a range of sectors from masterplanning and infrastructure implementation, to specialist façade and multidisciplinary building engineering design services, on both national and international projects. With many years of experience leading the delivery of integrated multidisciplinary engineering on complex projects, she often utilises the knowledge of diverse teams located in different geographies. Her background and training in interdisciplinary design, and passion for sustainability, is a natural fit in her role as design integrator with a technical focus on building envelope design and performance.



Edgar Pieterse
Chair

Edgar Pieterse is the founding Director of the African Centre for Cities (ACC) at the University of Cape Town and holds the South African Research Chair in Urban Policy. His research and teaching explore urban imaginaries, alternative futures, sustainable urban infrastructure, place-making, public cultures, responsive design, and adaptive governance systems. He writes, curates exhibitions, and convenes difficult conversations about pressing urban problems. His current research is focused on the tenets of sustainable infrastructure systems in low-income contexts. He also leads the African Mayoral Leadership Initiative and serves on the advisory boards of several urban and scientific institutions.



Liza Rose Cirolia
Panelist

Liza Rose Cirolia is a senior researcher at the African Centre for Cities at the University of Cape Town. Her work focuses on governance, municipal finance, urban infrastructure, and real estate in the context of Africa's growing urban areas. Her recent projects focus on distributed and decentralised infrastructure configurations, taking an approach that aims to be both critical and propositional. Cirolia is actively involved in developing pan-African research collaborations, leading collaborative and comparative projects. In addition to academic work, she consults for local and international organisations, supporting policy development processes in African cities.



Christina Culwick Fatti
Panelist

Christina Culwick Fatti is a senior researcher at the Gauteng City-Region Observatory (GCRO), with research interests in just sustainability, infrastructure transitions, environmental governance, climate change, transport, and social justice. Her research extends across multiple disciplines, with a specific focus on collaborative knowledge creation and the role of transdisciplinary research in informing policy and practice. She is currently leading an NRF-funded project on how urban elites are seceding from state-provided infrastructure networks in favour of private hybrid and off-grid technologies. Fatti completed both her undergraduate and postgraduate studies at Wits University, and is currently a PhD candidate in Geography at the University of Cape Town. In addition to her academic research she holds a postgraduate diploma in teaching (UNISA) and previously worked as an SABC broadcasting meteorologist.



Michael Uwemedimo
Panelist

Michael Uwemedimo is cofounder and director of CMAP (Collaborative Media Advocacy Platform), a 2022 Loeb Fellow at Harvard University, and Visiting Scholar at the Blum Center for Poverty Alleviation, University of California, Irvine. As a founding member of the filmmaking collaboration Vision Machine and a producer of the Academy Award-nominated, BAFTA-winning documentary *The Act of Killing*, he has been developing innovative approaches to documentary practice as a means of enabling critical reflection on histories of political violence and challenges to official impunity. He is cofounder and project director of the Human City Project, a community-driven media, architecture, planning, and human rights initiative in Nigeria. There he explores design processes through which violently marginalised urban communities might gain a greater measure of control over their representation and the shaping of their cities. Uwemedimo has curated major programmes at the UK's National Film Theatre, Tate Modern, Architecture Association, and Institute for Contemporary Art; sat on international film festival juries; and presented his research and work internationally.



Paul Currie
Panelist

Paul Currie is Associate Director of the Urban Systems Centre at ICLEI Africa. In this role he contributes to Urban Systems projects, chairs the ICLEI Africa Research working group, curates the annual RISE Africa event, and co-hosts ICLEI Africa's circularity, food and water portfolios. He is a fellow at the Centre for Sustainability Transitions at Stellenbosch University, a member of youth climate activist network Resilient40, and a board member of the Sustainable Urban Systems Chapter of the International Society of Industrial Ecology (ISIE). His PhD research aims to further understanding in urban metabolism and resource nexus concepts in African urban contexts. With ICLEI Africa, he supports African local government officers and stakeholders in taking on systems approaches both in strategy and implementation. His projects relate to themes of food systems governance, circular economy, nature-based solutions, and food-water-energy nexus. Currie hopes his work contributes to new ways of engaging that bridge creative expression, science, and policy to improve resource equity, urban planning, and sustainable development in cities around the world.



Andrew Tucker
Chair

Andrew Tucker is the Deputy Director of the African Centre for Cities (ACC). He has extensive experience working to understand and address inequality in a variety of forms across Africa. His work has explored how social markers such as race, sexuality and gender relate to the urban environment. This work has also examined how such relationships must be taken into account in health programmes, with a particular focus on HIV prevention, treatment and care. Tucker completed his PhD at the Department of Geography, University of Cambridge in 2006. This work examined the way sexual minorities from across South Africa's historical racial categories were able to strategically and pragmatically appropriate urban spaces in diverse ways, to become visible to wider heteronormative societies. This led to the publication of his monograph *Queer Visibilities: Space, Identity and Interaction in Cape Town*, as part of the RGS-IBG book series, by Wiley-Blackwell in 2009. Subsequently Tucker was appointed as the Deputy Director of the University of Cambridge Centre for Gender Studies and a Fellow of Jesus College, Cambridge. From 2014-2017 Tucker worked Anova Health Institute in various capacities, before taking up the position of Deputy Director at ACC.



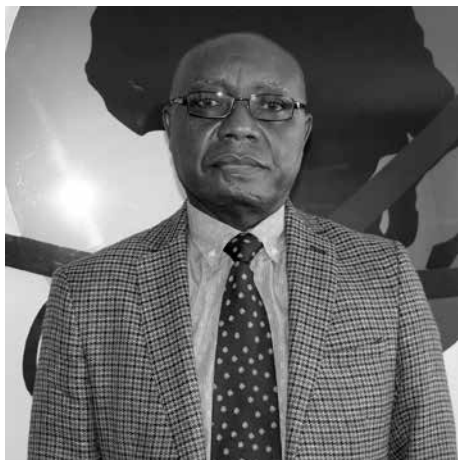
Manuel de Araújo
Panelist

Manuel de Araújo is Mayor of Quelimane, the fifth-largest city in Mozambique and the economic, political, and administrative capital of the Zambézia province. He is Vice-President for Africa of ICLEI and a member of ICLEI's Global Executive Committee (GexCom). In 2019 he was elected Deputy Chair of the National Council of the Mozambican Mayors Association (ANAMM) and became a member of the Transport Decarbonisation Alliance (TDA) Steering Committee. He was Member of Parliament and Deputy Chair of the Foreign Affairs Portfolio Committee in the Mozambican Parliament. De Araújo was educated in Mozambique (BA), Zimbabwe (MA), and the UK (MA and PhD), and worked for Amnesty International in London as Campaign Coordinator for the Policing and Human Rights in Southern African Project. Prior to that he was a campaigner for Africa's Portuguese- and Spanish-speaking countries.



Mthobeli Kolisa
Panelist

Mthobeli Kolisa is Chief Officer responsible for Infrastructure Delivery, Spatial Transformation Services and Sustainability at the South African Local Government Association (SALGA). He was previously Group Head of the Department of Environmental Management Services at the City of Tshwane, a portfolio that included waste management, environmental management, parks and resorts, nature conservation, cemeteries, and agriculture and rural development. He has been in the public and development management field focusing on local government for more than 24 years as a researcher, consultant, and senior manager. He previously served as Executive Director of Municipal Infrastructure Services at SALGA responsible for water supply, sanitation, electricity distribution, roads and transport, waste management, renewable energy and energy efficiency, human settlements, environmental services, and climate change response. He also served as Strategic Executive Director responsible for waste management, environmental management, parks and resorts, nature conservation, cemeteries, agriculture and rural development, and the Fresh Produce Market in the City of Tshwane.



Morris Mbolela
Panelist

Morris Mbolela is the Deputy Secretary General of United Cities and Local Governments of Africa (UCLG Africa). He started his local government career in 1971 with the Kitwe City Council (second largest city in Zambia after Lusaka), as a management trainee. In 1988, he rose to the position of Deputy Administrative Secretary (Deputy to the Head of the Administration Department) at Kitwe City Council, the position he held for two and half years. In 1991, He was seconded to the Local Government Association of Zambia (LGAZ) as Administrative Secretary on full-time basis. In 1996, he formally separated from Kitwe City Council to become the first full-time Secretary General of LGAZ, the position he held until July 2021. From 2016, he served as a board member of the National Housing Authority, and as Board Chairperson of the Local Authorities Superannuation Fund (a pension Fund for local authorities and other associated bodies), until July 2021 when he stepped down. In August 2021 he assumed duties of Deputy Secretary General of UCLG Africa.



Amollo Ambole
Chair

Amollo Ambole is the Programme Director for the African Mayoral Leadership Initiative (AMALI) that is hosted by the African Centre for Cities in partnership with Big Win Philanthropy. With 14 years teaching and research experience at the university level, she is a seasoned academic whose work has spanned development studies, creative arts, product design, and climate change. Through collaborative and transdisciplinary research projects, Amollo has previously worked closely with residents in informal settlements, policymakers, and practitioners in Kenya, Uganda, and South Africa to co-design solutions to urban development challenges such as energy poverty, sanitation and non-communicable diseases. Her research in these areas has been published in academic journals and on respected science platforms. Amollo has also participated in international leadership programs and presented at high-level events such as the United Nations' Forum on Science, Technology and Innovation for the Sustainable Development Goals. Prior to joining Big Win Philanthropy, Amollo was a lecturer at University of Nairobi and was a principal investigator under the Gender for Energy Security (GENS) SA-Africa-UK Trilateral Research Chair.



Milica Begovic
Panelist

Milica Begovic is the Global innovation adviser at UNDP. She works on bringing innovation to development – one person, and one experiment at a time. Her main areas of expertise include social innovation, change management; design thinking, user innovation, citizen engagement, foresight, social network analysis, tech and complexity science and development; and natural resource planning, disaster risk reduction, local development. She works with teams (UNDP and national/local partners) to find out new ways of tackling stubborn problems, test out fresh ideas and new perspectives in UNDP context. Some of her recent achievements include: designing and testing a new approach to ‘scaling up’ in development, borrowing principles from sciences (biology, ecology, cognitive science and psychology); introducing micro-narratives for weak signal detection, analysis of underlying causes of development issues, and impact evaluation, and running UNDP’s first challenge prize (UNDP/Nesta Renewable Energy Challenge), subsequently taking part in drafting UNDP’s first corporate policy on innovation challenge prizes.



Abdinassir Sagar
Panelist

Abdinassir Sagar is an Associate Program Management Officer at the United Nations Human Settlements Programme’s Innovation section, established to strengthen innovative thinking, practices, and solutions for sustainable urban development. He currently leads UN-Habitat’s AI & Cities portfolio and develops policy papers on how digital technologies can enable urban development. He contributes to UN-Habitat’s people-centred smart cities flagship programme and supports the implementation of a capacity-building programme to strengthen UN-Habitat’s innovation capacity. Prior to joining the UN, Sagar worked for two of Canada’s biggest professional services firms as a management consultant, advising clients in the private and public sector on technology-related transformation projects. He holds an MBA from the University of Alberta School of Business and is currently pursuing a PhD at the Maastricht Graduate School of Governance, focusing on the effects of digitalisation on institutions.



Geci Karuri-Sebina
Panelist

Geci Karuri-Sebina is a scholar-practitioner based in Johannesburg and working in the intersection between people, place, and technological change. She is currently a Visiting Associate Professor at the Wits School of Governance, where she is coordinating the establishment of the Tayarisha African Centre of Excellence in Digital Governance, and hosting the African Civic Tech Innovation Network. She is also an Adjunct Professor at the University of Cape Town's African Centre for Cities, Associate of the South African Cities Network, and a global faculty member with Singularity University on the future of cities and governance. She holds bachelor's degrees in Computer Science and Sociology (Iowa); master's degrees in Urban Planning and Architecture from UCLA (Los Angeles); and a PhD in Planning and Innovation Studies from the University of the Witwatersrand (Johannesburg). Karuri-Sebina is recognised and published in the fields of development planning, policy, foresight, and innovation, and is involved in editorial roles in several leading journals in the fields of innovation and futures.



Vera Bukachi Legros
Panelist

Vera Bukachi Legros is an accomplished action researcher, project manager, director, and speaker in inclusive and resilient cities in Africa. She advocates for social justice in the African urban built environment through codesign, coproduction, collaboration, and communities. With an educational background in civil and environmental engineering and project management, she has nearly 20 years of experience, from co-leadership of an NGO in Kenya that works with urban poor communities to community-level field work in Africa, the Caribbean, and South Asia; engineering practice in the UK, East Africa, the Middle East, and Australia; lecturing at University College London; and consulting on infrastructure projects in fragile contexts. Her main experience has been in developing and emerging countries, working in impact research, development consulting, engineering practice, non-profit leadership, and academia across various themes including climate change adaptation, inclusive infrastructure, slum upgrading, nature-based solutions, disaster risk, and resilience, with a focus on rapidly urbanising African cities. Legros is currently pursuing a PhD in WASH (water, sanitation, and hygiene) and Innovation in informal settlements at University College London.



Yolisa Kani
Chair

Yolisa Kani is Transnet's Chief Business Development Officer (CBDO) and is responsible for Transnet's Africa Business amongst other things. Tasked with increasing the share of logistics footprint through identifying and pursuing new and diversified business opportunities locally and within the region. In her role as CBDO, Ms. Kani works closely with all Transnet Operating Divisions to lead business growth. She is also responsible for managing key stakeholders in the government and private sector. Kani is an astute business executive with 22 years' experience in Transport Engineering, Planning & Operations. She has a BSc (Hons) in Transportation Planning from the University of Pretoria. She has also undergone an Advanced Professional Training in Integrated Transport Solutions in Germany, Spain and Geneva through the Union for International Transport Planners. She is also a member of the The Boardroom Africa a network of women executives in Africa. Amongst her many notable achievements and accolades, she was in 2019 named one of the Top 100 women transport planners globally by the German Development Agency – KfW and a Top 50 Inspiring Woman in Tech by the Kingdom of the Netherlands.



Susan Parnell
Chair

Susan Parnell is a Global Challenges Research Professor in the School of Geography at the University of Bristol and Emeritus Professor at the African Centre for Cities at the University of Cape Town. She has held previous academic positions at Wits University and the University of London (SOAS). She was a Leverhulme Visiting Professor at UCL (2011/2), Emeka Anyaoku Visiting Chair, UCL (2014/15) and Visiting Professor at LSE Cities (2017/18). She has been actively involved in urban policy debates around the SDGs and is an advocate for better science policy engagement on cities.

GENERAL INFORMATION

PROGRAMME VENUE

The conference takes place at the New Lecture Theatre on the University of Cape Town's Upper Campus

WIFI AND SOCIAL MEDIA

Free WiFi is available to all conference delegates. Please find the individual login details in your delegate bag.

We are reporting on the conference via social media using the hashtag #AFI_CONF2022. Please use this hashtag in your own posts too.

Follow us on Facebook @africancentreforcities and Twitter @UrbanAfrica_ACC to share and engage with exciting conversations.

All sessions are being streamed live on the African Centre for Cities' YouTube channel. Share this link (<https://www.youtube.com/africancities>) with colleagues who are not able to attend, or to re-watch session after the conference.

MEALS AND DRINKS

Tea and coffee

Tea and coffee along with a snack is served in the morning and afternoon breaks in the New Lecture Theatre.

Lunch

Lunch is served on the ground floor level of the New Lecture Theatre Building. Lunch will be served as a self-help menu selected to cater for varying tastes and diets based on requirements specified during the registration process.

Special diets

If you have informed the conference organisers of special dietary requirements during registration, please make yourself known to the catering staff who can direct you to special meals.

Water

To try and minimize plastic waste, you received a reusable water bottle as part of your conference pack. We would like to encourage you to use these bottles and refill them from the water coolers placed throughout the venues.

SMOKING

The University of Cape Town is committed to providing a safe and healthy working and learning environment for the students, faculty, staff, and visitors to its campuses, as such it prohibits smoking in buildings and outdoor public spaces, except for designated

smoking areas. Go to www.uct.ac.za/about/policies and click on UCT Smoking Policy for more information.

MEDICAL, EMERGENCIES & SAFETY

On campus

Medical emergency: Please alert a conference staff member immediately.

Security emergency

In case of a security emergency during the conference alert Campus Protection Services (CPS) 021 650 2222/3 immediately.

Fire emergency

In case of fire emergency evacuate the venue immediately. Follow the fire evacuation procedure specified in the particular venue.

Out and about in Cape Town

Emergencies from a mobile: 112

Emergencies from a landline: 107

South African Police Service: 10111

Medical & Fire Emergencies: 021 480 7700

Safety tips

- Do not leave belongings unattended.
- Avoid carrying large sums of cash, and try not to have expensive electronic devices and jewellery in plain sight.
- Avoid walking or hiking alone in isolated areas.
- Lock your doors when driving and do not pick up strangers.
- When parking, lock valuables in the trunk of the car. After dark, park in secure, well-lit areas.
- Do not allow strangers to assist you in any way at cash machines.

RECYCLING

We endeavour to host this conference in an environmentally responsible way. The UCT campus has waste bins that segregate recyclable and non-recyclable waste. Please use the bins as indicated to reduce landfill waste.

We have also placed special recycling bins at the entrance to the venue for anything in your delegate bag that you don't wish to keep. Simply deposit it in the marked bins and we will recycle or reuse it responsibly.

BANKING

ATM machines for all major South African banks are available on campus. Leslie Social Sciences Building has ATMs for FNB, Standard Bank and Nedbank available. ATMs for Capitec and ABSA are located in the Molly Blackburn Memorial Hall.

LOADSHEDDING

South Africa is currently experiencing loadshedding which requires switching off parts of the country's electric grid in a planned and controlled manner due to insufficient capacity or to avoid a countrywide blackout.

Should loadshedding occur during the conference, backup generators will automatically kick in. It might take a few minutes, so please be patient.

Loadshedding tips

- Ensure that your electronic devices, such as phone, tablet or laptop is fully charged at all times.
- Download the EskomSePush app and add 'Rondebosch (15)' as an area to monitor the loadshedding schedule for the UCT campus and surrounding area.
- Note that lifts on the UCT campus do not have backup power and should not be used 10 minutes prior to scheduled loadshedding.
- Be aware that loadshedding may cause traffic light outages, which can cause delays in travel time.

PHOTOGRAPHY

A conference photographer will be at the event taking photographs during presentations as well as social events. These images will be shared on social media and the African Centre for Cities website. If for any reason you wish to not appear on photos, please indicate this during the registration process or notify the helpdesk.

You are also invited to take your own photos during conference proceedings, but we ask that you please avoid flash photography during presentations. When sharing photos on social media please use the hashtag **#AFI_CONF2022**

CORRECT AT PRINT

We have taken care to ensure that all information contained in this publication was correct at the time of going to print. Please note that the programme and speakers listed are subject to change without prior notice and would not incur any obligations. Errors and omissions excepted. November 2022.

ACKNOWLEDGEMENTS

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