

One point five degrees
Africa's net zero conference ,exhibition and experience



1.5 Degrees
Africa's Net Zero Conference & Exhibition

VISITOR GUIDE

"Enhancing adaptive capacity, strengthening resilience,
reducing vulnerability"



28-30 March 2023
**Century City Conference Centre and
Precinct**
CAPE TOWN, SOUTH AFRICA

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1.5 Degrees
Africa's Net Zero Conference & Exhibition

WELCOME



WELCOME TO AFRICA'S PREMIER CLIMATE CHANGE EVENT.

Welcome Africa's Net Zero Conference, Exhibition and Experience. We are thrilled to bring together leaders from across the continent to discuss and showcase the latest advancements in the pursuit of net zero emissions. Together, we will explore the opportunities and challenges of transitioning to a sustainable future, and discover how we can work together to create a cleaner, healthier and more equitable Africa for all. With a diverse range of speakers, panel discussions, and interactive exhibits, this event promises to be a valuable and inspiring experience for all attendees. We look forward to your active participation and engagement in this important conversation. Let's work together to build a sustainable future for Africa.

Lynn Chamier
Event Director

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WELCOME



**THE SUSTAINABLE EVENTS
COMPANY**

Sustainability is at the core of our events

At the Sustainable Events Company, sustainability is not just an afterthought, it is at the very core of everything we do. We believe that hosting events that are environmentally and socially responsible is not only the right thing to do, but it is also essential for the long-term health and success of our planet.

From the initial planning stages to the final execution of an event, we take a comprehensive approach to sustainability. We carefully consider every aspect of the event, from the venue selection to the food and beverage choices, transportation options, waste management, and more. We work closely with our clients and partners to ensure that sustainability is a top priority and that all stakeholders are engaged in the process.

We also strive to create events that are socially responsible, inclusive, and equitable. We work with diverse communities and prioritize local vendors, suppliers, and talent to promote economic growth and support the local economy.

Through our commitment to sustainability, we not only reduce our environmental impact but also create memorable events that leave a positive legacy. Our goal is to inspire others to join us in our mission to create a more sustainable future for all.



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Pick n Play

At Pick n Play, we recognise the need to address the challenges of climate change, and sustainability is a core value at Pick n Play, one that is closely linked to our founding value of “Doing good is good business”. Since the 1970s we have led the way in driving sustainability initiatives. Our aim is to positively impatime, promote business efficiencies to help us deliver even better value to our customers.

Our sustainability goals are focused on reducing our carbon footprint, minimising waste, and promoting sustainable practices throughout our operations. We have set ambitious targets, which include being a net zero carbon business by 2050.

Please visit our stand where our ESG team can discuss our latest commitments and the initiatives we have launched to achieve our goals. Included among these are reverse vending machines, reducing single-use plastic in stores, electric on-demand delivery bikes, the development of one of the largest public-private education platforms in the country, and how we are making healthier eating more accessible and affordable for all South Africans.

We are proud to be a sponsor of the 1.5 Degrees conference. We look forward to the opportunity to collaborate with like-minded people and organisations, and to be part of a collective effort to drive change and make a positive impact on our planet. By working together, we can create a better future for all.

Vaughan Pierce

Executive: ESG (Sustainability, Stakeholder and Community)

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WELCOME



OLDMUTUAL

Creating a Mutual future by addressing Climate Change

Welcome to our stall for Creating Mutual Futures. Old Mutual understands that it is a business grounded in Africa, which is why we believe in supporting climate change.

How we support climate change

As an organisation, we know our direct operational carbon footprint is significantly smaller than the indirect impact of our investment activities. However, we recognise our responsibility to understand and manage our overall carbon footprint in all the communities we may exist in.

- We recognise that our core business activities of gathering capital, investing capital, and pooling capital require a balance of environmental, economic, and social considerations specific to the African continent.
- Old Mutual was the first South African insurer to join The Net Zero Asset Owner Alliance and the second South African asset manager to join the Net Zero Asset Managers Initiative.
- Our collective action can affect real-world outcomes that will have a lasting impact on future generations.
- We inform and guide our approach through our commitment to local and international environmental management guidelines and good international industry practice.
- As one of the largest asset managers on the African continent, with R1.2 trillion in Funds under Management, we consider addressing the climate crisis a top priority as an asset owner, and we have long-term investment horizons.
- A key consideration towards our net zero ambitions is a just transition in line with the current socio-economic conditions in each country we operate in.

Join us as we are Creating Mutual Futures and find out how we are addressing the climate crisis over the next three days.

Let's do great things every day

www.onepointfivedegrees.co.za



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WELCOME



exxaro

POWERING POSSIBILITY

Climate change is an existential threat to humanity, the environment, and future generations.

We believe the business sector has a critical role to play in its mitigation and adaptation as the world transitions to a low carbon one. Our purpose – to power better lives in Africa and beyond – drives our vision to provide current and future facing resources to power a low- carbon world. Through our culture and values that prioritise our purpose, every level of expertise is working together to power our nation today whilst creating sustainable, innovative solutions for tomorrow.

Our strategy empowers our people to create impact, catalyses economic growth and environmental stewardship and innovates towards carbon neutrality by 2050. Integrating climate change goals into our strategy, responsibly stewarding our natural resources and the expansion of our minerals' portfolio, drives the transition journey and fosters smarter ways of working, powering possibility for all our people and our planet.

Our objective during the 1.5 Degrees Conference is to share information on our strategic approach to climate change mitigation and adaptation, with our peers, visitors to our stand and other stakeholders. Our objective is to also learn, collaborate and partner with other stakeholders on sustainability and building resilience for our business and host communities.

Dr Lerato Khumalo

www.onepointfivedegrees.co.za



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WELCOME



ARNISTON BAY

SOUTH AFRICA

Established in 1996, the Arniston Bay wine range was inspired by the charm and breath-taking beauty of the historic Arniston fishing village on the Southern tip of Africa. The Arniston Bay range harness the freshness and world-class quality of wines produced from Coastal vineyards. Each varietal showcases the distinctive characteristics that are associated with Coastal origin wines. The Sauvignon Blanc is crisp and refreshing, the Rosé is striking yet elegant, while the Shiraz offers fragrant floral aromas with a hint of soft spice.

We are proud to partner with organizations that are making significant strides in the areas of environmental conservation, sustainability, and community development, reflecting our own deep commitment to these values.

For every bottle of Arniston Bay wine sold, a contribution is made to SANCCOB (South African Foundation for the Conservation of Coastal Birds) to assist in their fight towards the conservation of coastal seabirds, with a particular focus on our beloved, endangered African penguin. The SANCCOB team rescues abandoned penguins which are rehabilitated and then released back into the wild by their dedicated staff.

Arniston Bay, in partnership with Delhaize provides financial supports to bursaries through the Arniston Community Trust. Through this initiative, we have enabled over 40 talented youth from the fishing communities surrounding Arniston to pursue tertiary education; including the first-ever medical doctor from the area. Furthermore, our Fairtrade certification ensures a contribution is made to farmworker community projects such as education and healthcare facilities.

Arniston Bay's commitment to sustainability extends beyond its connections with these organisations. We are taking measures to minimize our environmental impact such as reducing our carbon emissions and using sustainable packaging. We works closely with our growers and suppliers to ensure that sustainable and ethical practices are being used throughout the supply chain. Our range of wines are also certified by the Vegan Society and IPW, ensuring that environmentally sustainable practices are followed.

***PLEASE HELP US SAVE THE
AFRICAN PENGUIN BY DONATING
TO SANCCOB.***

Scan here to donate:



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WELCOME



Greenpop

JOIN THE TREEVOLUTION

Compensate for your travel emissions by planting a tree.

Greenpop is a NPO on a mission to (re)connect people with our planet. We work to restore ecosystems and empower environmental stewards through reforestation and urban greening, across Sub-Saharan Africa. Get involved. Every donation will receive a certificate of thanks with the co-ordinates of where your tree is planted.

Scan here to donate



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TRANSPORT



Green Cabs are our official transport company with S A first carbon compensated transport service. Please make bookings with the company direct:

Ms. Amiene van der Merwe,
The Green Cab +27 82 298 2085
or make a booking request at:
bookings@thegreencab.co.za



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VENUE



CENTURY CITY CONFERENCE CENTRE

A Cape Town function venue that goes beyond...

Hospitality that goes above and beyond is what distinguishes our unique venue.

When it comes to conference centres in Cape Town, you're spoiled for choice. If you're trying to decide which of the many facilities to book situated in and around the Western Cape that will cater to all your event needs and more, Century City's Conference Centre stands out as being one of the best that Cape Town has to offer.

An award-winning function venue that is versatile, high-tech, personal, fully equipped and sustainable, Century City Conference Centre boasts an ideal central location at the heart of Cape Town's vibrant Century City precinct, and is conveniently situated close to all of the Mother City's key travel services and attractions.

We deliver a comprehensive, all-inclusive solution for the conferencing and event requirements of corporate clients and professional bodies, in a first-world New Urban environment, right in the middle of one of the world's favourite destination cities.

Voted as Africa's most sustainable venue in 2019, Century City Conference Centre is the only conference centre in Cape Town that has been developed as part of a mixed-use development with the award of a 4-Star Green Star Certification by the Green Building Council of South Africa. We accommodate up to 1,900 guests across 20 different thoughtfully-designed spaces boasting bold architecture, strong colours and unique artworks. We do conventions with a difference and provide the ideal location for all types of events, corporate conferences, exhibitions, product expos, gala dinners, concerts and much more... the possibilities are endless!

A special thank you from the organisers, to all staff and management for their support, belief and commitment to making this vitally important conference a reality.

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INFORMATION

Conference

200 Hi-profile local and international delegates over 3 Days covering:

Water and Oceans, Land, Air, Mobility, Green Finance, Energy, Recycling , Circular economy

Exhibition (Free entry)

50 exhibitors

Displaying climate change technologies services and innovations.

Experience (Free entry)

An experience is remembered long after the talk has ended.

Experience climate change in our event, EV mobility, Recycled art installations, (Intaka Island tours, Sustainable building tours included in delegate package), or at a nominal fee for visitors to Intaka Island and much more!



Intaka Island tours

The eco -centre boasts a range of sustainability exhibits such as Lilliput black water system, Rain water harvesting, Rhapsody grey water system ,Bio gas digester, Recycling station, Earth worm farm, Composter, Wind turbine, Aquaponics, and a polystyrene block building. VISIT THE INFORMATION DESK IN THE FOYER

Sustainable building tours

Enjoy a sustainable building tour of one of the most sustainable buildings on the continent.

Recycled art exhibition

Experience recycled art from across the continent in the foyer of the event.

Mobility Display

View a range of electric mobility solutions.

Green Startup Pavilion

Visit the Startup pavilion and enjoy a showcase of green economy entrepreneurs



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EXPERIENCE



Adventure tours

Book for one of Century City adventures which include:
Kyaking, stand up paddle board, cruiser bike.
Enquire at: events@ccconferencecentre.co.za

ALL TOURS ARE FREE FOR PAID DELEGATES (EXCLUDES ADVENTURE TOURS)

**ALL OTHER VISITORS ARE WELCOME TO BOOK AT OUR REGISTRATION DESK BASED
IN THE FOYER.**



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EXHIBITION

| | |
|------------------------------------|--|
| Pick n pay | www.pnp.co.za |
| Alloro Africa Enviro Services | www.alloroafrica.com |
| Arniston Bay Wine | www.arnistonbaysa.com |
| Cape Business News | www.cbn.co.za |
| Chair Club | www.chairclubworld.com |
| Everlectric | www.electricleifegroup.com |
| Exarro | www.exarro.com |
| Green Cabs | www.thegreencab.co.za |
| Green Riders | www.greenriders.africa |
| Green Set | www.greenset.org |
| Greenpop | www.greenpop.org |
| Haval | www.reeds.co.za |
| Heineken | www.heinekensouthafrica.co.za |
| IMSM | www.imsm.com |
| Intaka Island | www.intaka.co.za |
| Koshaï Kollection | www.koshaikollection.com |
| Neutralise Solutions | www.neutralise.co |
| Old Mutual | www.oldmutual.com |
| On the Green Couch | greenspacessa@gmail.com |
| Orgderac | www.orgderac.com |
| Rubicon (Model X) | www.group.rubiconsa.com |
| The South African Breweries (SAB). | www.sab.co.za |
| Urban Surfer | www.urbansurfer.co.za |
| Xanita | www.xanita.com |

| | |
|----------------------|--|
| Cloudy Deliveries | colinmkosi@gmail.com |
| Man and Wife | www.manandwife.co.za |
| Case Closed | www.caseclosed.co.za |
| Naturally Good | www.naturallygood.co.za |
| Driving what Matters | www.drivingwhatmatters4esg.com |
| Rebag re-use Bags | www.rebagreuse.com |
| Infinite Industries | www.iindustries.co.za |
| Plant the Seed | www.planttheseed.co.za |
| Tony Fredricksen | www.openskywoodart.com |
| Cool Tabs | arethadoyle@gmail.com |
| RFFS Studio Davis | www.rffstudio.co.za |
| Township Guitars | www.townshipguitars.com |

Sustainable exhibiting

All exhibition stands are made from recycled cardboard by XANITA. Stands are retained by the exhibitors to reuse up to 16 times.



Xanita

DAY ONE

"Enhancing adaptive capacity, strengthening resilience, reducing vulnerability"

| | SESSION | MORNING SESSION | PRESENTER |
|-------------|------------------------------------|--|--|
| 9:00-9:30 | Introduction and opening Hall D | Official Opening of the Event: Keynote address Alderman James Vos (City of Cape Town), Wrenelle Stander (Wesgro) | Alderman James Vos -Western Cape Mayoral committee member Wrenelle Stander CEO Wesgro |
| 9:30-10:30 | Main Breakout 1 Hall D | The narrow road to net zero emissions. Setting the African Agenda | Kavita Pema - AECI, NEPAD CEO: Peter Varndell, Mokena Makeka - Principal Dalberg Advisors (Moderator), Stephen Horn - SA country director at Clean Creatives |
| 9:30-10:30 | Sub Breakout 2 Hall C | Climate Change and Africa's developmental trajectory | Nicole Martens - Old Mutual Investment Group, Brian Khanyisa Mantlana, CSIR, Amel Makhlouf, Lehlogonolo Moseri - Mosa Green Consulting (Moderator) |
| 10:30-11:30 | Main Breakout 2 Hall D | Reflecting on COP27 - More Talk or Real Action - Panel Discussion | Aliyah Allie Engagement Manager: McKinsey & Company, Karen Bosman (Head of Strategy & Advocacy at Wesgro), GBCSA - Georgina Smit, Nicole Martens - Old Mutual, NEPAD CEO: Peter Varndell, David Le Page - Moderator |



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DAY ONE

"Enhancing adaptive capacity, strengthening resilience,
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|-----------------|--------------------------|---|---|
| | Sub breakout 3 Hall C | Eco-Logic and the Eco-Logic Awards | David Parry-Davies - Publishing Editor Enviropeadia |
| 12:00 -13:00 | Sub Breakout 4 Hall D | The role of Government in co- ordinating policies in mitigating climate change. Best practice case studies in Africa | Fanus Fourie (DWS), Dr. Gamuchirai Mutezo - Madam Waste (Moderator), Babalwa Mni - Founder UTANDO |
| 12:00 -13:00 | Sub Breakout 3 Hall C | Africa's industrialization plans and the balance of meeting Net Zero targets. | Mokena Makeka - Principal Dalberg Advisors (Moderator), Heineken - Richard Kriel, Nick Charalambides - Imani Development |



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| | SESSION | AFTERNOON SESSION | PRESENTER |
|------------------|------------------------------|--|---|
| 14:00- 15:00 | Main breakout 1 Hall D | South Africa in crisis - a \$bn+ opportunity | Nicola Millson (UK)-Future academy and She leads change |
| 14:00 - 15:00 | Sub Breakout 2 Hall C | Electric Mobility: Africa's readiness to adopt and sustain this vision. | Amiene van der Merwe - GreenCab (Moderator), Darryl Chapman - Eskom, Greg Blandford Director- Rubicon Energy & E-Mobility, Ndia - Everlectric, Craig Atkinson - Green Riders |
| 15:00 - 16:00 | Main Breakout 2 Hall D | Renewable energy within the African Utilites Space - is this a pipe dream? | Mr James Mackay (CEO - Energy Council of South Africa), Des Muller (Virtual Speaker) - NuEnergy Developments, Babalwa Mni (Moderator) - Founder UTANDO |



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| 15:00-14:00 | Sub Breakout 3 Hall C | The one dollar campaign- mitgating the impact of aviation on climate change | Afema Ronnie from Uganda ambassador Aviation Development |
| 16:15 - 17:00 | Sub Breakout 4 Hall D | Public Private Partnership in government models, policies, regulations and programs | Tony Tiyou - Renewables in Africa, Dr. Gamuchirai Mutezo - Madam Waste (Moderator), Kirsten Wilkins - Zurati, Mzila Mthenjane: Executive Head: Stakeholder Affairs - Exxaro, Masa Nkgadima - Senior Strategic Programmes and Transformation Manager at South African Breweries (SAB) |
| 17:00- 20:00 | Hall A | Networking function for delegates/exhibitors. | |



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DAY TWO

“Enhancing adaptive capacity, strengthening resilience, reducing vulnerability”

| | SESSION | MORNING SESSION | PRESENTER |
|-------------|---------------------------|--|---|
| | 9:00-9:30 | THE ONE DOLLAR CAMPAIGN-MITIGATING THE IMPACT OF AVIATION ON CLIMATE CHANGE | Afema Ronnie from Uganda - ambassador Aviation Development |
| 9:30-10:30 | Main Breakout 1 Hall D | A just transition what it means for Africa. Working together for a better Africa | Charl Harding - CEO - Impact Catalyst, Bernd Oellermann - CSIR, Nicole Martens - Old Mutual Investment Group, Dr. Gamuchirai Mutezo - Madam Waste, Kavita Pema AECI |
| 9:30-10:30 | Sub Breakout 2 Hall C | Carbon offsetting, carbon credits and the voluntary carbon market. The role the voluntary carbon market plays in transitioning South Africa to a low carbon economy, untapped. potential of the VCM in Africa. | Mokena Makeka - Principal Dalberg Advisors (Moderator), Gray Maguire - Carbon Project Manager at Climate Neutral Group / Anthesis, South Africa, Paul Rowett CEO & Co-founder of Toco |
| 10:30-11:30 | Main Breakout 2 Hall D | Water security in Africa the unseen threat of increased evaporation on our resources & solutions | Benoit Le Roy (moderator), Fanus Fourie (DWS), Neil McCloud, Kavita Pema - AECI, NEPAD CEO: Peter Varndell |



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| 10:30-11:30 | Main Breakout 2 Hall D | Water security in Africa the unseen threat of increased evaporation on our resources & solutions | Benoit Le Roy (moderator), Fanus Fourie (DWS), Neil McCloud, Kavita Pema - AECL, NEPAD CEO: Peter Varndell |
| 10:30-11:30 | Sub breakout 3 Hall C | Investment opportunities, upskilling challenges and solutions in implementing alternative energy projects in Africa | Mongezi Veti (Executive Head: Sustainability) - Exxaro, Mckinsey - Aliyah Allie (Moderator), Babalwa Mni - Founder UTANDO |
| 12:00-13:00 | Sub Breakout 5 Hall D | The road to Decarbonising Africa's Future and decarbonized industrial plans (Hydrogenic Answers) | Leon Groenewald (Acting MD: Energy) - Exxaro, Sasol, Heather McEwan - Verra, Dr Nicholas Musyoka - CSIR, Kevin James - GCX (Moderator) |
| 12:00-13:00 | Sub breakout 5 Hall C | Water digitilisation - Use of technology to create better water security for the African Continent | Benoit Le Roy (Moderator), Rob Childs, Leonardo Manus (DWS), Adrian Coetzee - IX Engineers |



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| | SESSION | AFTERNOON SESSION | PRESENTER |
|-------------|---------------------------|---|---|
| 14:00-15:00 | Main Breakout 1 Hall D | Nature is 30% of the solution | Bjorn Stauch, Conservation International, Vice President, Conservation Finance & Charissa da Costa, Conservation South Africa, Regional Policy Specialist |
| 14:00-1500 | Sub breakout 2 Hall C | Africa's Infrastructure: A Key to Development but Potentially Vulnerable to Climate Change | GBCSA - Lisa Reynolds, Dr. James Cullis - Zutari, Kevin James - GCX, WWF |
| 15:00-16:00 | Main Breakout 2 Hal ID | Komati Power Station Repowering and Repurposing Case Study "Eskom conducted extensive studies to determine the socio-economic impact of power station closure and have also analysed technical possibilities for repowering and repurposing at those sites, in support of the Just Energy Transition. We have been instrumental in promoting and obtaining climate finance from the international partner group to implement some of this work, with Komati Power Station being the first and a "flagship" of this programme" | Ms. Beauty Mazibuko: Senior Consultant Socio-economic Development - Eskom |





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|-------------|--------------------------|--|--|
| 15:00-16:00 | Sub Breakout 3 Hall C | Enhancing Resilience with Net Zero and Green Buildings | Georgina Smit - Head of Technical - GBCSA |
| 16:15-17:00 | Sub Breakout 4 Hall D | Rural - Urban divide in a just energy transition. Rural areas enabling cities in Africa to prosper. At what costs? | Bernd Oellermann - CSIR, Dr. Gamuchirai Mutezo - Madam Waste, Kirsten Wilkins - Zurati, Lehlogonolo Moseri - Mosa Green Consulting (Moderator) |
| 16:15-17:00 | Sub Breakout 5 Hall C | Decarbonising African Industry: Opportunities, challenges, and risks for the African Private Sector | Nick Charalambides - Imani Development |



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DAY THREE

“Enhancing adaptive capacity, strengthening resilience,
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| | SESSION | MORNING SESSION | PRESENTER |
|-------------|---------------------------|--|--|
| 9:00-9:30 | Plenary Morning | Opening of Final Day | |
| 9:30-10:30 | Main Breakout 1 Hall D | The role of International Financing Institution and government in coordinating policy and financing in the just transition | Amel Makhoulf-Engineering Association for Mediterranean Countries (EAMC) |
| 9:30-10:30 | Sub Breakout 2 Hall C | The role of listed equity stewardship in the Just Transition | Nicole Martens - Old Mutual Investment Group |
| 10:30-11:30 | Main Breakout 2 Hall D | What is the true resilience of our financial systems to climate change? A circular economy perspective for Africa | Africa circular economy network representative, Bernd Oellermann - CSIR, Jason van Staden - UCT, Amel Makhoulf, Rowan Le Roux (Moderator), Mckinsey - Aliyah Allie |
| 10:30-11:30 | Sub Breakout 3 Hall C | Sewage is Sexy | Emma Muller - Kaackaj, Joel Baur - CEO of Citra, CEO of Evenpar Fund - Pjotr Schade, Benoit Le Roy (Moderator) |





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| 12:00-13:00 | Sub Breakout 4 Hall D | Measuring Africa's climate related risks in macro economics and global terms? | Aliyah Allie - Mckinsey |
| 12:00-13:00 | Sub Breakout 5 Hall C | African oceans: large assets with small plans | Abalobi - Serge Raemaekers , Vanessa Davidson - (Special Project Manager at Freeport Saldanha), Effuah Kwaw - Ocean Hub Head of Finance |



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| 14:00-1500 | Main Breakout 1 Hall D | The Journey to Net Zero Waste and Food Waste, a retail perspective | Vaughan Pierce - ESG Exec PnP, Enya Scharein, Kevin James - GCX |
| 14:00-15:00 | Sub breakout 2 Hall C | On-site sterilization of infectious medical waste produced at hospitals | Dr. Gianluca Magrini Ecological scientist & Head of R&D at Newster & Mr. Stefano Lepore from Alloro Africa, South Africa |
| 15:00-16:00 | Main Breakout 2 Hall D | Renewable Energy: Manufacturing Companies' response to Energy Transition a Retail Perspective | Heineken - Richard Kriel, Ashmeer Sukdeo: Africa Energy and Fluids Sourcing Manager - South African Breweries (SAB), Ridwhana Shaik (Circular Economy Creative Strategist Fashion) |
| 15:00-16:00 | Sub Breakout 3 Hall C | Climate Change Response in Cape Town: Risk, Strategy, and Implementation | Amy Davison, Head: Climate Change CoCT |



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| 16:15- 17:00 | Sub Breakout 4 Hall C | Case study. The increasing instances of "Day Zeros" on African cities a water crisis case study - Practical learnings for an African future | Cornelis Van der Waal - CEO of Grabouw Development Agency (Wesgro) , Benoit Le Roy |
| 16:15- 17:00 | Sub Breakout 5 Hall C | Source to Sink - Climate Positive Land-use Strategy (CPLUS): A Case Study of the Kruger to Canyons Landscape | Dr. Perushan Rajah, Conservation South Africa (CSA), Snr. Manager: Conservation Impact & Dr Gina Arena, Conservation South Africa, Science Communications Associate |



Thami Nkadimeng

Programme Director

Thami Nkadimeng, A global citizen known as the “The Message Architect” with a passion for bettering the world by untangling complex and intricate topics through conversation for Presidents, Leaders, Executives and Organizations around the world.

By doing so, she has influence on positive change towards a better world and contributes towards the United Nations sustainability goals and the narrowing of social disparities in a provoking, directed, motivated and effective manner.

She advocates being the example of change you want to see in the world as individuals. Another one of Thami's passions is in advancing Africa, which then saw her being selected as an ambassador for brands with that very focus.

A Ted Talk Speaker with presence, her Tedx Talk is making an impact not only on the continent but the globe. She holds an undergraduate degree in Communications Science, a post degree diploma in Marketing Management (cumlaude) and an Honours Degree in Integrated Organisational Communication.

She has a wealth of corporate experience and fuses her communication background paired with her voice in front of the camera and behind a microphone to deliver messages through dialogue.

“I am putting value on my African voice on global issues.” Thami Nkadimeng



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SPEAKERS

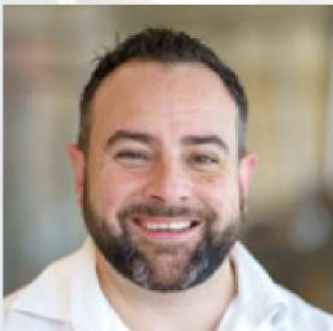


Lisa Reynolds

CEO
Green Buildings Council of South Africa

Lisa Reynolds joined the GBCSA as CEO in June 2020. She was the driver for Standards and Regulation for Energy Efficiency in Buildings and serves on many SABS Committees and served on the Regulatory Advisory Council to achieve this. Lisa worked at Saint-Gobain as Sustainability Director and later formed her own Green Consulting company.

Lisa was involved in the GBCSA from its beginning (2007) and served on several Technical Working Groups. Lisa served on the Board, the Advocacy Committee, and the Technical Committee of the GBCSA. She has engaged with Government Departments on various Sustainability initiatives. Lisa has won numerous awards in the Sustainability space.



Richard Kriel
Strategic projects & sustainability
Heineken South Africa

I am an Engineer from KwaZulu-Natal who loves innovation and passionate about “Going Green”. I have spent my entire career in the Beer Industry starting at SABMiller and later moving to Heineken. I have been with Heineken for over 12 years and had various roles from Automation to Engineering Manager.

I now look after key projects within the company and also drive our ambitions to become Carbon Neutral while reduce our Water usage.



Hauke Engel
Partner Nairobi
McKinsey and company

Hauke is a partner in McKinsey's Nairobi office. He co-leads work on climate change globally and supports businesses across sectors with challenges involving strategy and sustainability. Hauke focuses on supporting organizations as they navigate and shape the transition to a zero-carbon economy. He serves investors and banks, governments and NGOs, mobility and industrial players, and sectoral and cross-sector net-zero coalitions across the globe with his expertise on climate and sustainability topics. In addition to his client work, Hauke often leads major research programs within McKinsey, such as developing an integrated decarbonization pathway for the European Union and assessing its socio-economic implications. He regularly speaks at climate conferences and industry event



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SPEAKERS

Amiene Van der Merwe

*Founder and MD
Green Cab company*



Since she founded The Green Cab 13 years ago, it has pioneered the drive for sustainable- and gender-equitable transport services in the corporate sector and Events industry in South Africa. She acted as Transport Director for the last 4 consecutive World Economic Forum on Africa Events.

She completed a further Certificate in “Small Businesses Boost in the Green Economy” at the Gordon Institute for Business Science and the University of Pretoria [2019] and a Certificate in “Economic Empowerment of Women in Green Industry” UN Women Training Centre [May 2021]. Her many accolades include being recognised as a “Super Women in the Green Economy” in SA, international” Remarkable Women in Transport” and “100 Most Influential Supply Chain Women in Africa”. The Green Cab was selected to participate in the inaugural UK Government funded Climate Finance Accelerator in 2021. She is confident that it will yield climate financing to get women in the driving seat of EVs plugged into corporate service opportunities on a national e-hailing App.”

Georgina Smit

*Head of technical
Green buildings council of South Africa*



Georgina Smit is Head of Technical at the Green Building Council of South Africa (GBCSA). She oversees certification and research related products that drive the property sector to design, build and operate buildings in a more sustainable way. She manages the technical team at the GBCSA who are responsible for independently certifying green and net zero buildings and identifying market leaders. A, both in the private and public sector.

Tony Tiyou

CEO Renewables in Africa



In 2016, Tony launched Renewables in Africa (RiA), a clean energy company whose vision is to turn Africa into a fully electrified continent by 2040 and the mission to Bring (Back) Power into Africa. RiA first mandate is the raise awareness about Renewable Energy across the continent and the globe and its second is to provide clean energy solutions to businesses. RiA has a footprint in Kenya, Ghana, Nigeria, Mozambique and Benin, and a wider network in other countries and regions.

Tony is a regular technical expert making appearances in various Renewables Energy programmes in BBC, Sky News and has also featured in US broadcasting Stations VOA and EmeraldPlanet TV.

Tony has also contributed to various prestigious outlets like, LSE Blog, The Exporter or Forbes Afrique.

Tony is the author of ‘The Wind Industry Outlook in Africa’, released in November 2017 and has won multiple Awards including African Leadership Impact Investing and being nominated as one of the 50 Top Influential African & Afro-Caribbean Leaders in the UK 2018.



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SPEAKERS



Stefano Lepore

Marketing Director
Alloro Africa Environmental Services S.A

In view of the above at the beginning of 1999, jointly with 4 other partners, he formed a trading commercial Company operating on the North-East part of Italy. At the point of his departure to Brazil, mid 2005, this company was representing 10 different European Manufacturers and had a Portfolio of an excess of 500 active clients with a turnover in excess of 37 million Euro per year. At the beginning of 2005 he was contacted by a group Italian company to open the South-American market within the medical sector with particular attention to the treatment "in loco" of infectious and/or potentially infectious medical waste.

In 2011, after succeeded in opening and establishing the above mentioned market, he was engaged from the same manufacturer to explore and established same market opportunities in Southern Africa.

In 2013, in partnership with Mr. Giancarlo Bovetti he purchase exclusive imports and distribution rights of Newster Systems Italy and he formed "Alloro Africa Enviro Services (Pty) Ltd "



Karen Bosman

Head of Strategic and Advocacy
WESGRO

Karen is educated in international economic law and policy. Her focus includes the competitiveness of the Western Cape economy in a changing international economic context, in particular the intersection between international trade and investment and the green transformation.

Karen previously spent time working in Washington D.C. on international trade and development projects across Africa, as a legislative advisor in the South African Parliament, and at a commercial law firm in Cape Town.

She holds degrees in law (LLB) and in political science, philosophy and economics (B.A. PPE) from Stellenbosch University and a master in international economic law (LLM) from Georgetown University in the US.

Wesgro is the Tourism, Trade and Investment Promotion Agency for Cape Town and the Western Cape



Alderman James Vos

Mayoral committee Member
City of Cape Town

Alderman James Vos is the Mayoral Committee Member for Economic Growth in the City of Cape Town. With a portfolio that covers matters of trade, tourism, investment and business support, James heads up a team that is instrumental in driving meaningful economic opportunity in Cape Town.

During his time as a Public Representative, when he also served as a Ward Councillor, Member of Parliament and Shadow Minister of Tourism, James received numerous civic awards, including the International Merit Award. He is also among the youngest to receive the life title of Aldersmanship. James believes that the most powerful instrument for improving the quality of life and creating jobs is economic growth. To achieve this, his mission is to drive travel and trade to Cape Town and make the metro the easiest place to do business.

James oversees various programmes that support workforce and entrepreneurial development. He loves spending time in the outdoors with his wife and two daughters and has a passion for aviation.



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SPEAKERS

James Mackay

CEO

Energy Council of South Africa

James Mackay: CEO, Energy Council of South Africa

James is a multi-disciplined professional, qualified in both engineering and finance and brings a broad range of skills and experience to his role as the CEO of South Africa's Energy Council. Previously head of Energy Strategy for PwC he has worked across various energy sectors and Africa and is experienced in both public and private sector.

With over 20 years of experience in delivering large investment and transformation projects, James brings a wealth of knowledge and diversity to the task of developing a sustainable national energy transition pathway focused on ensuring a thriving energy sector, whilst creating shared value and prosperity for all South Africans.

Time is against us, we cannot afford to ignore the accelerating climate and economic risks inherent in the Energy Transition. The Energy Transition can however unlock significant value through innovation, reform, investment and job creation, but will require commitment from all. The Energy Council strives to provide energy sector leadership with specific focus on a common vision for a sustainable national energy transition.



Hiten Parmar

Director

uYilo eMobility Programme

Hiten stands as a lead executive, thought leader and industry expert extending over 19 years in profession. As Director of South Africa's national electric mobility programme, he delivers to the mandate of enabling the uptake of electric mobility across both the public and private sectors.

Hiten also serves as liaison for multiple sector related forums within South Africa, as well as internationally on advancing the electric mobility ecosystem.



Dr Gamuchai Mutezo

Founder of Madam Waste

Dr Gamuchirai Mutezo is the founder of Madam Waste, an urban energy planning firm based in Johannesburg, South Africa. Services offered span across urban energy planning, organic waste management and decentralised clean energy using anaerobic digestion. Using principles of circular economy, Madam Waste endeavours to constantly view waste not in its traditional sense of a disposable material, but as a resource for other activities. She is also a Post Doctoral Fellow at the Centre for Ecological Intelligence (University of Johannesburg) focusing on agro-ecological waste management and circular economy.

Dr Mutezo has over 12 years' work experience underpinned by entrepreneurship, renewable energy, applied research and development, all with a keen focus on decentralising energy access in African cities using anaerobic digestion. She holds a B. Town and Regional Planning (University of Pretoria), an MPhil Energy Poverty and Development (University of Cape Town), Project Management Certificate (University of South Africa) and a DPhil in Urban Biogas and Circular Economy (University of the Witwatersrand). Dr Mutezo is a member of the African Circular Business Alliance (ACBA), African Circular Economy Network (ACEN) - South Africa and South African Biogas Industry Association (SABIA). She enjoys travelling, reading and worldly conversations.





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SPEAKERS

Des Muller

Director

NuEnergy Developments (Pty) LTD

Des Muller is the Managing Director for NuEnergy Developments, a Consultancy structured around the Development and Industrialization of a Balanced and Sustainable Energy portfolio for Southern Africa.

He is an Electrical and Power Process Engineer with over 35 years' hands-on experience in the Development and Construction of Thermal, Renewable and Nuclear Energy projects for both Utility and IPP operations.

He advises on the development and delivery of effective energy solutions that ultimately addresses our "Energy Trilemma" (Reliability – Sustainability – Affordability), while also creating local jobs.

He is also the Spokesperson for the South African Nuclear Build Platform, an industry forum that aligns and qualifies the local supply chain for current and future nuclear energy projects.

As an Independent Energy Specialist, he is recognized for his dedicated Leadership in the sensible transition and recovery of our Energy Sector.



Rob Childs

Executive

IMQS Software

Rob's has led a wide range of engineering programmes - in southern Africa as well as initiatives in the Far East, Middle East, and UK. In recent years he has been a vocal advocate of the value to be gained through more effective infrastructure asset management practice, and specifically the value it can add to the challenges of service delivery in developing country environments. He has co-authored a number of infrastructure asset management guides locally and internationally and has provided strategic advice relating to national and provincial government infrastructure as well as large privately funded concessions. He heads the provision of Advisory Services at IMQS Software, is on the board of World Partners in Asset Management (an international non-profit organization), and is a member of Council at the SA AM Association.



Dr Nick Charalambides

Technical Director

Imani Development

Dr Nicholas Charalambides is an international trade economist and Director at Imani Development International. He has over 30 years of experience in Southern and Eastern Africa, specialising in legal & regulatory frameworks, regional integration and trade facilitation. He is currently team leader for a project with the African Union, looking at ESG practices among the African Private Sector, with specific focus on decarbonisation. Nick holds a Doctorate in Economics from Oxford University, a Master's in Economics from Queen Mary & Westfield College and an LLM in International Business Law from University of Liverpool.





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SPEAKERS



Dr James Cullis

Technical Director: Water Resources
ZUTARI

James is a specialist in the field of water resources engineering, integrated water resources management (IWRM), the water-energy-food nexus, resilience, sustainability, and climate change impacts, risk, vulnerability and adaptation. He has a broad range of experience, including technical engineering hydrology and design as well as social, political, environmental and economic aspects of water resources. He is a technical director in the water resources group at Zutari and is based in Cape Town, South Africa.

As a scientist, James has research experience in South Africa, United Kingdom, United States of America, and Antarctica. He is an Honorary Research Associate with the African Climate and Development Initiative (ACDI) at the University of Cape Town and external examiner for the Department of Civil Engineering.

James obtained a Doctor of Philosophy in 2011 from the University of Colorado, Boulder in the USA, a Master of Science in Environmental Change and Management in 2002 and an MA (Oxon) in Politics, Philosophy and Economics (PPE) in 2001, both from the Oxford University in the United Kingdom. In addition, he obtained a Bachelor of Science in Civil Engineering (Cum Laude) in 1998 from UCT. He is a registered professional engineer with the Engineering Council of South Africa (ECSA) and is a member of the South African Institution of Civil Engineering (SAICE). He is also a member of the Water Institute of Southern Africa (WISA) and the International Water Association (IWA) and a fellow of the South African Academy of Engineering (SAAE).



Amy Davidson

Head: Climate Change Resilience Department, Future Planning and Resilience Directorate
City of Cape Town

Amy Davison is the Head: Climate Change in the City of Cape Town's Resilience Department, which is part of the newly formed Future Planning and Resilience Directorate. She has over 15 years' experience in climate change and urban sustainability focused policy and planning in local government. Currently, her work focuses on the roll-out of the City's Climate Change Strategy and Action Plan, with a particular focus on climate adaptation and resilience, and mainstreaming of climate change response in local government projects and operations.



Kevin James

Founder
Global Carbon Exchange (GCX)

Kevin James is a corporate sustainability adviser and climate change thought leader with over two decades of experience guiding the most complex companies in Australia, South Africa and beyond on their sustainability journeys. He has deep experience in developing sustainability solutions and green, low carbon projects to address the most pressing climate-related issues of our day. In 2006, he founded the Global Carbon Exchange (GCX), sustainable business experts who guide and support some of the largest and most complex organisations to drive sustainability throughout their value chains. He is also the Director of Zero Waste Technologies providing zero waste to landfill strategy and solutions.

Kevin is a well-known and highly regarded expert on climate change, sustainability, and ESG. He is frequently invited to speak at conferences and events, and quoted in the media. From 2000-2007, Kevin was host of the Radio 2000 show, 'Climate and sustainability with Kevin James'. He is a qualified accountant, serves on the board of The Green Building Council South Africa, and is an Advisory Board member for Proptech Africa.



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SPEAKERS



Dr Brian Mantlana

***Holistic Climate Change Impact Area Manager
Council for Scientific and Industrial Research***

Brian Mantlana holds a Ph.D from Wageningen University, in the Netherlands, which was done while he was based at the Max Planck Institute for Biogeochemistry, in Jena, Germany. Brian joined the CSIR in 2017 where he leads the work of climate change. Before that he was a Chief Director in the Climate Change Branch at the Department of Environmental Affairs for six years. He started to work as a research scientist at SANBI where he worked for six years. He is one of the members of the Presidential Commission on Climate Change. He is a co-chair of the Africa integrated assessment on air pollution and climate change. He supervises Ph.D and M.Sc students in various Universities on climate change issues.



Nicole Martens

***Head of Stewardship
Old Mutual Investment Group***

Nicole Martens joined the Old Mutual Investment Group Responsible Investment team in May 2022. She is responsible for further building Old Mutual Investment Group's RI initiatives, leading OMIG's pro-active stewardship strategy, and further developing Old Mutual Investment Group's listed stewardship service capability.

Nicole's passion for sustainable development and developing pragmatic and impactful strategies for Africa's just transition to a low carbon economy in response to the climate emergency is critical to Old Mutual Investment Group's strategy and contribution to the global SDGs.

Nicole sits on several working groups and committees such as The Lewis Foundation Climate Risk Analytics for Sustainable Investment Advisory Committee, South Africa-UK Partnering for Accelerated Climate Transitions (South Africa-UK PACT) Programme Advisory Group, and The Transparency Taskforce.



Heather Mcewan

***Senior Manager, Project Developer Engagement
Verra***

As Senior Manager, Project Developer Engagement, Heather provides guidance and support to project developers who utilize Verra programs, standards, and frameworks to achieve climate and sustainable development goals.

Prior to working at Verra, Heather worked in the energy and carbon industries in both South Africa and the State of Kuwait, where State of the Environment projects were commissioned by the United Nations Compensation Fund for damages incurred during the Iraqi invasion – country to country as opposed to company scale projects. In South Africa, Heather has worked on over 50 energy audits for both small- and large-scale projects, including taking companies to the international ISO 50001 certification. More recently, she has been working in the carbon space assisting local companies with the newly implemented carbon tax as well as carbon foot-printing.

Heather holds a bachelor's degree in Geography, (Hons) and a Master's degree in Environmental Sciences alongside numerous energy, carbon, and sustainability certificates. She recently won the prestigious Female Energy Professional of the Year, awarded by the Southern African Energy Efficiency Confederation (SAEEC) and in 2019 was presented with the Sub-Saharan Energy Professional Development Award from the International Association of Energy Engineers (IAEE).



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SPEAKERS

Ashmeer Sukdeo

***Africa Energy and Fluids Sourcing manager
AB InBev Africa***



Ashmeer Sukdeo is the Africa Energy and Fluids Sourcing Manager for AB InBev Africa, the world's largest brewer and a proud part of the Global Anheuser-Busch InBev (AB-InBev) family. He is accountable for the renewable energy agenda within AB InBev's Africa Zone to transform their energy footprint as per the company's sustainability and net-zero ambitions. He is responsible for developing AB InBev Africa's renewable energy roadmap towards achieving 100% contracted electricity as well as driving renewable energy sourcing activities and mandates.

Ashmeer has a BSc in Mechanical Engineering (Summa Cum Laude) from the University of KwaZulu-Natal and a Master's in Business Administration from the University of Pretoria – Gordon Institute of Business Science. He has 10 years combined experience in oil and gas as well as food and beverage industries, serving in several departments from operations, projects, supplier development and procurement.

Ashmeer is a globe trotter that immerses in local cultures, loves non-fiction books, and acquiring new skills.

Kirsten Wilkins

***Associaite: Urban Solutions
Zutari***



Kirsten has over 20 years of experience in urban design and collaborative transversal creation of urban solutions. She has worked across government spheres and with a range of international donors and non-governmental organisations (NGOs) to ensure that projects and solutions are integrated and well-considered. Her experience has focused on the transport and mobility sector in the last 10 years and includes a specialisation in designing, implementing and managing urban placemaking projects.

Her work spans thought leadership and packaging solutions for teaching and training, as well as government stakeholder engagements and consultancy work. She now leads the Urban Solutions team at Zutari, bringing collaborative problem solving to the business of impact engineering and implementation.

Nicola Millson

***Director & CEO
Future Academy & She Leads Change***



Nicola has 15+ years of catalysing systems change for government bodies, the private sector and civil society. She is a seasoned sustainability practitioner, global business expert and trusted advisor.

Nicola has worked with clients as diverse as the UK Government, Marks and Spencer, SABMiller, Nesta, Pearson and Cafe Direct. She has worked on social innovation in South Africa, Brazil and India and on market-making in the UK and Europe. Nicola has impressive business and sustainability qualifications and is on faculty for Cambridge University and for Imperial College. Nicola brings clear-eyed optimism and actionable expertise in strategy, innovation and leadership to deliver on bold visions, create positive impact and secure long-term livelihoods. She loves fresh thinking, constructive challenge, radical kindness, wild spaces and her small family.



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SPEAKERS

Mzila Mthenjane

Executive Head, Stakeholder Affairs
EXXARO



Mr. Mzila Mthenjane ("Mzila") is the current Executive Head for Stakeholder Affairs at Exxaro Resources Limited. He has over 30 years' experience in business, which has been attained in the mining and financial services sectors.

He has held various board positions as non-executive director in various entities including Pamodzi Gold Limited, Fraser Alexander, and Merafe Resources. He is the current Chairman of the Board of the Impact Catalyst and is the former Chairman of the Wits University Mining Engineers Association and the former President of the South African Institute of Mining and Metallurgy. Mr. Mthenjane holds a BSc degree in mining engineering from Wits University and has completed various leadership development training including the Senior Management Development Programme from the Graduate Institute of Management and Technology (GIMT). In addition, he has completed the ABSIP leadership programme with GIBS and Advanced Management Programme, with INSEAD.

His leadership acumen has greatly benefited his current role, where he is tasked with building and retaining harmonious yet robustly engaging relationships with Exxaro's diverse stakeholder groupings. These stakeholders include employees, customers, investors, legislators, communities, traditional leaders, the media, unions, and civic organisations.

Simplified, his task is to position Exxaro's strategic direction and ensure alignment with this diverse network of stakeholders. Whilst in parallel he advises the Exxaro leadership on the dynamics and changes within the external environment and their possible impact on the business. He is credited with successfully leading the development of Exxaro's sustainable impact approach, as well as establishing Exxaro's ESG narrative for stakeholder engagement. Through his leadership, Exxaro has remained amongst the top performers for integrated reporting, as acknowledged by local and offshore ratings agencies.

Kavita Pema

Group Head: Sustainability and ESG
AECI



Kavita Pema holds a Master's degree in Environmental Management obtained from the University of Witwatersrand in Johannesburg. She is senior leader in sustainability, ESG, Risk and Environment, Health, and Safety with more than 25 years of public and private sector leadership experience with a keen focus on strategic business integration, strategy analysis and reporting, regulatory compliance, and corporate governance matters.

Throughout her career, she has been relied upon as a sustainability strategist, program builder, and regulatory compliance expert. Her passion for improving company structure, policy, and controls have repeatedly placed her in engagement with C-level executives, Boards, government officials, customers and suppliers, and other partners to develop realistic goals that better people and the planet.

Her expertise encompasses all aspects of sustainability program development, encompassing SDG and ESG integration into business and portfolio management on a domestic and international scale.

Further, her ability to build consensus among executive teams and stakeholders to promote transparency and influence positive change has been repeatedly proven.

She was previously held positions of Group Executive at Winfield United South Africa and Omnia Group prior to which she the Group Environmental Specialist at AECI.

Beyond her contributions in the South African government and private sector on a macro scale, her greatest accomplishments have been related to time spent in cultivating future sustainability business leaders and in transforming the perspectives of professionals that did not have a proper understanding of key issues.



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SPEAKERS

Dr Amel Makhlouf

President

Engineering Association for Mediterranean Countries (EAMC)



Dr. Amel Makhlouf is an International Expert in Aerospace and Geospatial, Climate and Sustainable Development in Africa, Europe and the Mediterranean regions. She gained a broad experience working at the United Nations, the African Development Bank, the World Bank, the European Union and became the first woman in Africa and in the Arab countries and second in the world to be an Aerospace engineering graduate of ITC (International Institute for Aerospace Survey and Earth Sciences) at University of Twente in Holland. She holds a PHD and two MSc degrees in aerospace and geospatial fields with a PHD thesis on the structuring of spacial databases and was part of the team of researchers who designed and developed the "ILWIS" Integrated Aerspace for Water and Land information system and implemented it at the National Autonomous University of Mexico (UNAM).

Dr. Makhlouf is a member of the Council of Engineers of Tunisia, a visiting University Professor in Italian and Tunisian universities, a permanent Board member of the Council and General Assembly of the CMU (Community for Mediterranean Countries) in Italy and President of the Italian based EAMC / Women Engineers (Engineering Association for Mediterranean Countries).

Darryl Chapman

*e-Mobility Programme Manager
Eskom*



Darryl Chapman: Darryl started his professional career with Eskom in 1995 after the completing his BSc. in Electrical Engineering at WITS University. Initially Darryl started out in high voltage electrical engineering research and obtained his MSc. (Eng.) in 2000. In 2009 Darryl was seconded to Eskom's Internal Energy Efficiency programme as the Programme Manager for a period of 4 years. In 2017

Darryl took on the role of e-Mobility Programme Manager at Eskom Research Testing and Development, where he is responsible for the development of a business case for e-Mobility within Eskom.

Effuah Kwaw

*Africa Finance and Fundraising Lead
Ocean Hub*



Effuah is a Finance specialist turned impact enthusiast , with over 10 years' experience in the South African financial services sector. Over the last 6 years it has been her primary intention to increasingly use the knowledge and experience gained, throughout her career, to support the growth and evolution of Africa's impact and start-up ecosystems.



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SPEAKERS

Lehlogonolo Moseri

Chief Impact Officer
Mosa Green Consulting



Lehlogonolo is the Founding member and Chief Impact officer of Mosa Green Consulting, an organization that addresses and provides strategic sustainable solutions on Environmental Management, climate change and Social Impact Management services. She has lead various Mining, infrastructure and development projects within the African Continent, in government and private sector. In addition to this, she is a founding director at Puno Circular which is Waste management and recycling company whose main objective is to manage waste, recycle and beneficiate it through various circular economy methods, while improving the socioeconomic state of cities, rural and township developments and achieving the United Nation's sustainable development goals.

Mongezi Vetu

Executive Head Sustainability
EXXARO



His extensive experience in the mining industry spans over four decades starting from Gold, Platinum, and now in coal. Upon joining the coal sector, he soon realized that coal was his final home, and that he never looked back, and this was after joining Sasol Mining, as a Mining Professional in Training in 1993. In 2002, he joined Eyesizwe Coal to become the General Manager, after which was sent to Exxaro Headquarters following the merger between Kumba Resources and Eyesizwe Coal.

He is currently an Executive Head: Sustainability a position has held since 2010.

He holds a master's degree in Business Leadership from University of South Africa, mining engineering Diploma from University of Johannesburg, and advanced management program from Wharton, United States.

He is also a registered certificated Professional Engineer with Engineering Council of South Africa (ECSA), and also been the President of South African Colliery Managers Association in 2012..

Dr Lerato Khumalo

Manager Climate Change
EXXARO



Dr Lerato Khumalo is Manager: Climate Change at Exxaro and holds a PhD degree in Chemical Technology from the University of Pretoria. She has more than 16 years of experience and expertise in climate change and air quality management, with previous employment in the environmental consultancy and mining sectors. In her current role, she is responsible for climate change mitigation and adaptation, development of Exxaro's decarbonisation plan, compilation of the Climate Change CDP, technical contribution to Environmental, Social and Governance (ESG) initiatives and air quality management.

Over the years, she has built extensive understanding of global and national climate policy, climate science, energy efficiency, climate mitigation and adaptation, ESG and air quality management. She possesses analytical thinking and innovative skills in developing ideas and solutions to improve environmental sustainability and actively participates in climate change forums on a national and international level. She currently serves as the Vice Chairperson for the Industry Task Team on Climate Change, is Co-Chair for the National Business Initiative Advisory Committee for Environment and Society, is a member of the Energy Council, Business Unity South Africa (BUSA) Climate Change Technical Working Group and the NBI Just Transition Pathways Project Technical Workstream.



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SPEAKERS



Ridhwana Shaik

Circular Economy Creative Strategist

Ridhwana 'Ray' Shaik is a creative economy and sustainability consultant with over 10 years of experience in the footwear and apparel industry. She has gathered rich learning experiences spanning from Italy to The Netherlands. From having worked in Asia to building brands in Africa, she has created extensive networks for both manufacturing and sourcing. As the founder of a creative agency called Green Start Ideas, she helps small brands build products from idea to production within the creative space and helps them leverage opportunities within the Circular Economy. She currently operates at the nexus of footwear/fashion education and sustainable thinking and has launched an online footwear design course and continues to collaborate with leading educational institutions on the continent in creating footwear design programs that focus on circular economy principles.



Benoit Le Roy

*Operations Director
Nexus Water Alchemy*

Benoit has in excess of thirty five years of environmental engineering experience concentrating on the Water, Waste Water, Waste and associated Energy fields serving all tiers of government, mining, utilities, SOE's, automotive, Food & Beverage, Iron & Steel industries. He has been developing and integrating environmental solutions internationally using appropriate technologies via advisory services and the supply &/or co-ordination of specialized technologies. He has also presented training for the water and waste water disciplines to provincial and local government via the Centre for Environmental Management at North West University and various presentations on Water and Waste Water (concentrating on Capacity Building) for the Institute of Municipal Engineers of SA.

Benoit has been involved in water EPCM and O&M projects since 1982 in the industrial, mining and municipal sectors and as such has significant experience in turning around South Africa's collapsing municipal water and sanitation infrastructure.



Dr Perushan Rajah

*Senior Manager of Conservation Impact
Conservation South Africa*

Dr Perushan Rajah is an environmental scientist by profession, with a strong background in Earth Observation and Spatial Science. In his current role as Snr. Manager of Conservation Impact, he leads the national CSA impact portfolio. By applying Earth observation technology and spatial planning to the methods in which CSA reports on conservation impact, Perushan offers a unique and comprehensive approach to providing an evidence-based system to monitoring and evaluation, as well as planning at scale.



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SPEAKERS



DR Gina Arena

*Science communications associate
Conservation South Africa*

Dr Gina Arena is a science communicator and researcher with a background in vegetation ecology, land use and climate change. In her current role, she communicates the research, application and impact of CSA's climate adaptation and mitigation projects in vulnerable farming communities in South Africa to a diversity of audiences. She is currently leading the development of a toolkit on best practices in communal rangeland management, a resource designed to support, educate, and equip stakeholders who are actively involved in the uptake and expansion of sustainable rangeland practices across Africa.



Vanessa Davidson

*Special Project Manager
Freeport Saldanha*

Vanessa Davidson has been a professional in the marine industry for 18 years. Holding an M Phil from UCT, Vanessa Davidson has extensive experience in the boat and ship building and marine fabrication sectors in South Africa.

Vanessa is a Special Project Manager at Freeport Saldanha focused on new port infrastructure and she is responsible for Business Development in the marine sector. Vanessa has served on a number of technical committees and she is currently a SAIMI Advisory Board member and a founding Director of Blue Cape, a non-profit company supporting the Blue Economy in the Western Cape.

Internationally she is the Chair of the International Marine Certification Institute (IMCI) responsible for CE certification of boats. She is a participating member of the International Council of Marine Industry Associations with representation on the Technical Committee, the Exporters Committee and the Grow Boating Committee.



Beauty Mzibuko

*Senior Consultant Socio-economic Development
Eskom*

Beauty Mazibuko is a Senior Consultant for Socio-economic Development in Eskom's Risk and Sustainability Division. She is a dynamic thought leader who has a rich experience of more than 15 years in corporate social responsibility, sustainability and socio-economic development. Her expertise is in research and also in policy and strategy development. She has been at the fore front of promoting social aspects of Eskom's business operations both internal to Eskom and with external stakeholders. Her work has been showcased through multiple platforms including local and international conferences. Beauty is leading the socio-economic impact assessment studies for the shutdown, repowering and repurposing of power stations in support of Eskom's Just Energy Transition strategy.



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SPEAKERS

Paul Rowett

CEO
Toco

Paul Rowett has nearly 30 years of experience in the tech startup sector. Having worked alongside some of the world's most inspiring minds, investors and industry-leading innovators, he has co-founded a number of successful startups, many of which concluded in successful exits. Most recently, Paul was part of the co-founding team at Lobster Ink, a leading digitally-enabled training solution which offered curated learning content to global workforces. At the height of its success, Lobster Ink offered content in over 20 languages to more than 2-million users across 130 countries. The company was successfully acquired by the New York Stock Exchange listed Ecolab in 2019.



Since then, Paul has drawn on his expertise, strategic prowess and technical insights to find globally relevant solutions through his biggest passion, Climate Tech. His philosophy is that innovators have always been able to solve complex global problems driven by intrinsic value creation. Now humanity is asking innovators to solve the world's most complex problem yet: climate change. And Paul believes that innovation will solve the challenge of decarbonising the global economy.

Paul's current focus is as the co-founder and CEO of Toco, the world's first digital currency aimed at starting a movement to mitigate climate change through people's everyday use of money.

He believes innovation has the potential to make climate action pragmatic, accessible, inclusive and very possible for everyone on the planet - regardless of their socio-economic circumstances. Toco is a prime example of how climate tech can develop solutions that simultaneously challenge the status quo, while allowing every person on the planet to practically live a more sustainable future.

Paul is often heard saying: "Time for talking is over. We need to take significant action quickly. Toco is the precursor for even more solutions that have the capability to accelerate positive climate action on both an individual and community level."

Bjorn Stauch

Vice President, Conservation Finance
Conservation International

Bjorn leads C.I. Ventures, the impact investing arm of Conservation International. CI Ventures is an impact-first investment fund, investing in and catalysing early stage nature-positive SME's that have potential for large scale environmental impact through their business models. CI Ventures invests in Africa, South America, Global Oceans and more recently Asia-Pacific.

Prior to this role Bjorn led CI's Conservation Finance portfolio in Africa, delivering conservation finance solutions across Africa, to achieve financial sustainability for conservation landscapes, and leverage the capital markets to achieve scale environmental impact through structuring & innovation. CFD mechanisms include Impact Investing, Carbon Finance, Financial Structuring and Trust & Endowment Funds.

Prior to joining Conservation International, Bjorn's career spanned 17 years in Investment Management & Private Banking (in the UK, Singapore, New York, Cayman Islands and Africa). Bjorn has a Bachelor of Commerce (Finance) from Stellenbosch University, an MBA from INSEAD, is an alumnus of both the Strategic Leadership Programme, and Impact Investing Programme at Said Business School, Oxford University, and is a Chartered Financial Analyst.

Bjorn is South African and married with 3 children.





1.5 Degrees
Africa's Net Zero Conference & Exhibition

SPEAKERS

Greg Blandford

*Director of Energy and E-Mobility
Rubicon SA*



Director of Energy and E-mobility at Rubicon, Greg has gained 23 years' experience in the industrial and renewable technology sectors focused on automation, renewable energy, and e-mobility. He has worked on many renewable energy and electric vehicle infrastructure projects across Southern Africa.

He is passionate about sustainability and technology to solve mankind's need for energy, food, water, and mobility. He is currently focused on the rollout of EV charging infrastructure for various vehicle OEM's, private networks, and a Rubicon funded EV charging network.

<https://www.linkedin.com/in/greg-blandford-3543a25b/>

David Le Page

*Co-Founder
Fossil Free South Africa*



David Le Page is the coordinator and co-founder of Fossil Free South Africa, the campaign for fossil fuel divestment and sustainable reinvestment. Fossil Free SA is part of the global fossil fuel divestment movement, which has become the biggest ethical investment movement in history. In early 2022, Fossil Free SA helped push the University of Cape Town, Africa's top-rated university, to commit to fossil fuel divestment. David's expertise in ethical and sustainable investment builds on 20 years of experience as a human rights, environment and climate journalist, including with the Treatment Action Campaign and Mail & Guardian.

David Kwesha

*Head of the Just Transition Office
Sasol*



David Kwesha is the current Head of the Just Transition Office for Sasol. His role is focused on formulating and implementing a just transition for Sasol as well as determining the most appropriate green financing options to support Sasol's decarbonisation pathway. David is a Chemical Engineer by training and has extensive research development and demonstration experience of over 15 years specialising in separation technologies and environmental engineering including carbon mitigation.

Between 2010 to 2017, David was Sasol's lead technical advisor to the Norwegian state-led Technology Centre Mongstad (TCM) which conducted the world largest demonstration scale carbon capture technology trials.

In 2019, David joined the Sustainability function within Sasol which was formed in the same year. David has been instrumental in the development of the emission reduction roadmap and target sets for Sasol, culminating in the increased target to 30% by 2030 and setting a net zero ambition by 2050. David has been integral in the development and editing of Sasol's 2021 Climate Change report and leading the work focused on developing a Just Transition roadmap for Sasol. Furthermore, David is working together the Sasol's technical and business development teams to secure green financing for the shortlisted green hydrogen opportunities.



The sustainable events company is headed up by Lynn Chamier. Lynn has 30 years' experience in exhibition and events and has been responsible for some of the largest exhibitions in Africa. Sustainability is in the forefront of all we do.

The team



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