



ENERGY WATER WASTE FORUM

A PARTNERSHIP FOR THE CAPE TOWN COMMERCIAL SECTOR

(PREVIOUSLY: ENERGY EFFICIENCY FORUM)

PAST PRESENTATIONS 2011-2024

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Email: EWW.Forum@capetown.gov.za



Also supported by:

Accelerate Cape Town, Cape Chamber of Commerce, GreenCape, University of Cape Town, Cape Peninsula University of Technology, Cape Town Partnership, City Improvement Districts, Green Building Council SA, National Business Initiative and SA Council of Shopping Centres

Presentation	Speaker	Meeting
Energy Updates	Cabral Wicht, CCT	November 2024
Waste Updates	Oliver Stotko, CCT	
Update on City's New Water Programme	Barry Wood, CCT	
City's Desalination Projects	Nichilis Tredoux, CCT	
What's on the horizon? Innovation in Seawater Desalination	Louis Koen, Zutari	
CEO guide to water resilience	Nkululeko Mabila, GreenCape	
Waste Updates	Velaphi Mabiletsa, CCT	June 2024
Water Updates	Mark van der Heever, CCT	
Energy Resilience Programmes	Shane Prins, CCT	
SMME Load-shedding Resilience Study	Christina Louw, GreenCape	
Maximizing ROI, Minimizing Risk: A Collaborative Approach to Solar and Battery PPAs	Paul Miller, Decentral Energy	
Stripform Packaging: Also chasing the sun – our solar journey	Stephen Sendin and Dr Anika Nell, Stripform Packaging	
Energy updates	Imran Chotia, CCT.	April 2024
Water Updates	Michael Killick, CCT	
Organic waste targets and regulations	Saliem Haider, WCG	
Cape Town's private sector organic waste landscape	Sam Smout, GreenCape	
Shoprite Holdings organic waste diversion journey	Sanjeev Raghurir, Shoprite	
V&A Waterfront's organic waste management journey	Petro Myburgh, V&A Waterfront	
Energy updates	Cabral Wicht, CCT	November 2023
Waste updates	Velaphi Mabiletsa, CCT	
Building Resilience through Water Reuse	Mike Killick, CCT	
Faure New Water Scheme	Brendan Theunissen, Zutari	
Faure New Water Scheme: Benefits and Risks	Daniel Petrie, Zutari	
Case Study: V&A Waterfront Reuse Project	Harry Singleton, Murray and Roberts	

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Energy data management: How we are using data to improve Cape Town's building management	Priscilla de Comarmond, City of Cape Town	September 2022
Case Study of EPCs in the City of Cape Town	Avuyile Kewana, City of Cape Town	
Data Applications for a South African Real Estate Portfolio	Graham Cruickshanks, GrowthPoint	
Mutual Park Case Study: Energy Efficiency and Data Journey	Zoe Rushin, Old Mutual	
Property Efficiency: Measure – Monitor - Manage	Gavin Kode, Western Cape Government	
Supporting High Performance Buildings with Data	Jo Anderson, Green Building Council SA	
Opening Remarks	Cllr Zahid Badroodien	May 2022
Latest Water Outlook, outlining the City of Cape Town's water supply augmentation schemes for future water security and climate resilience	Michael Killick, CCT	
Policy and regulation update	Nokuzola Mhlungu, CCT	
Wastewater system constraints and process for property developers	McKaylin Adonis, CCT	
Water and Sanitation tariffs for July 2022 to June 2023	Bertus Saayman, CCT	
Customer Service key accounts for business customers	Allan October, CCT	
Sustainable Energy Update	Mary Haw, CCT	
The hydro-economic study for Western Cape Water Supply System	Andrew Boraine, WCEDP	
Table Mountain Water Source groundwater programme	Klaudia Schachtschneider, WWF-SA	
Welcome	Ald Clive Justus	September 2021
City Updates: Energy, Water, Waste	Mary Haw, Sarah Rushmere, Margot Ladouce, CCT	
Introduction to a zero waste: GBCSA Net Zero Waste Certification – Sun International's Wild Coast Sun Case Study	Jo Anderson – Green Building Council of SA (GBCSA)	

EPR Regulations - What should industry know?	Quinton Williams - Polyco (Polyolefin Responsibility Organisation)	
EPR Regulations and the envisaged opportunities	Junaid Francis - Petco	
A united approach to EPR Regulations	Jane Molony – Paper Manufacturers Association of South Africa (PAMSA)/Fibre Circle	
Welcome	Councillor Phindile Maxiti, CCT	April 2021
City Updates: Energy, Water, Waste	Mary Haw, Sarah Rushmere, Thembelani Mandindi, CCT	
Towards net zero carbon transport systems	Prof Marianne Vanderschuren, UC	
Driving into the future: Golden Arrow Bus Service's Electric Bus Programme	Gideon Neethling	
Taking a leap of faith in a high performance, naturally ventilated office	Marius Alberts, Deloitte	
Changing the way the City of Cape Town works post COVID-19	Renee Burger, CCT	
My Clean Green Home Virtual Walkthrough	Lesley Sibanda, CCT	
Introduction to the 2021 Water and Energy Market Intelligence Reports (MIRs)	Jack Radmore, GreenCape	
No meeting due to COVID-19 Lockdown	Newsletter Update	July 2020
Energy outlook and welcome	Councillor Phindile Maxiti, CCT	Feb 2020
Resource Efficiency for Development outlook	Alderman Marian Nieuwoudt, CCT	
Spatial Planning towards Carbon neutrality: Cape Town's Municipal Spatial Development Framework	Peter Ahmad, CCT	
Decarbonising the Western Cape Economy	Ajay Trikam, WCG	
Water Department updates	Sarah Rushmere, CCT	
Green Building Council of SA tools	Georgina Smit, GBCSA	
The Greening off the University of Cape Town	Manfred Braune, UCT & Yogesh Gooljar, PJ Carew Consulting	
Carbon neutral business...and beer	Andre Harms, Ecolution	

Alliances for Climate Action	Louse Naude, WWF	
Climate Action Planning in Cape Town	Lesley Sibanda, CCT	
Carbon Neutrality for Business workshop	Adrian Stone, CCT	
Energy and Water updates	Mary Haw, CCT	August 2019
City of Cape Town Waste Outlook	Alderman Xanthea Limberg, CCT	
State of Waste Management in the Western Cape	Eddie Hanekom, WCG	
The Business of Waste: Cape Town's Waste sector and what waste means to your business	Alison Davison, CCT	
Waste Characterisation for City of Cape Town	Bonte Edwards, JG Afrika	
The Circular Economy and opportunities for textiles and packaging	Sally-Anne Käsner, Circular Vision	
Commercial sector waste projects in Cape Town	Quinton Williams, GreenCape	
The Socio-Economic Benefits of PET Recycling in South Africa	Janine Osborne, PETCO	
The Plastics Pact	Lorren de Kock, WWF SA	
Packa-ching: A community waste collection programme that gives something back	Megan Swart, Polycyco	
Cape Town's Energy & Climate Change outlook	Cllr Phindile Maxiti, CCT	March 2019
What's happening to South Africa's energy?	Hildegard Fast, WCG	
Is embedded generation answer?	Mary Haw, CCT	
Innovative Finance for rooftop solar PV	Ian Scrimgeour, GreenCape	
Electric Vehicles as part of a dynamic energy landscape	Hiten Parmar, uYilo eMobility Programme	
BMW I – Future of Mobility 2019	Alan Boyd, BMW	
Technology solutions to commuting challenges	Donna Blagus, GoMetro	
Presentation and panel discussion: Strategies for tackling load shedding	Khiyam Fredericks (Old Mutual), Jaco Botha (SolarEff), Andre Theys (V&A Waterfront)	September 2018
Cape Town water outlook and drought update	Dr Gisela Kaiser, CCT	
Amended Water Bylaw introduction and changes to be aware of	Nokuzola Mhlungu, CCT	
Water Star Rating Certification offered by CCT	Caashief Adams, CCT	

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GreenCape resources and case study for best practice water management	Jane Reddick, GreenCape	
Energy update and introduction to new programmes, carbon targets and carbon neutrality commitments	Sarah Ward, CCT	
What is the Net Zero Standard? GBCSA's Net Zero certification for new and retrofitted buildings	Manfred Braune, GBCSA	
Zero carbon new buildings for SA: towards net zero for new buildings programme introduction and pathways	Megan Euston-Brown, Sustainable Energy Africa	
Carbon Neutrality in Business: Virgin Active - Net Zero environmental impact by 2030	Wesley Noble, Virgin Active	
Carbon Neutrality in Business: Growthpoint Properties Net zero journey	Nardo Snyman, Growthpoint	
Carbon Neutrality in Business: Woolworths – Energy goal and interventions	Feroz Koor, Woolworths	
City of Cape Town drought crisis update	Sarah Rushmere, CCT	March 2018
Western Cape Government and City of Cape Town business continuity planning	Helen Davies and Charlotte Powell, WCG	
Old Mutual case studies	Khiyam Fredericks, Old Mutual	
GreenCape water use benchmarks	Jane Reddick, GreenCape	
Alternative water installation guidelines and drought crisis update	Sarah Rushmere, CCT	
Drought crisis update	Cllr. Xanthea Limberg, CCT	November 2017
Guidelines for installing alternative water systems – update and summary	Sarah Rushmere, CCT	
Plumbing checklist for homes and small businesses	Sarah Rushmere, CCT	
Working with the business sector to build water resilience	Gareth Morgan, CCT	October 2017
Overview of the Western Cape water crisis	Helen Davies, WCG	
City's position on installation of alternative water systems	Sarah Rushmere, CCT	
Water initiatives at JG Afrika – case studies	Bonte Edwards, JG Afrika	
Growthpoint properties Energy and Water Benchmarking case study	Nardo Snyman, Growthpoint	
Water saving initiatives at the Vineyard Hotel case study	Roy Davies, Vineyard Hotel	

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Water saving initiatives at SAB Newlands Brewery	John Stenslunde, SAB	
Water saving initiatives at Netcare facilities in the Western Cape	Johan Durand, Netcare	
GreenCape - Best practices for water management and resources	Jane Reddick, GreenCape	
GBCSA - Green Buildings for a better Cape Town	Manfred Braune, GBCSA	
City of Cape Town's energy update	Sarah Ward, CCT	
Energy and water update	Sarah Rushmere, CCT	March 2017
Water crisis update in Cape Town	Barry Wood, CCT	
Woolworths Energy, Water & Green Building Programmes and Palmyra store case study	Justin Smith, Woolworths	
What the Integrated Resource Plan for the future energy mix means for business	Sarah Ward, CCT and Peter Haylett, Peter Haylett Associates	
Solar PV case, a business briefing from GreenCape	Seraj Chilwan, GreenCape	
Consultation on SANEDI's proposal to Treasury to broaden the 12L tax break for energy efficiency in businesses	Mari-Louise vd Walt, SANEDI	
Green Building Centre South Africa (GBCSA) update	Tyrel Momberg, GBCSA	
Energy efficiency sector update and useful resources	Sarah Rushmere, CCT	November 2016
NBI's Energy Futures socio-economic scenarios and energy pathways presentation	Steve Nicholls, NBI	
Awards selection criteria for the Forum Awards, Energy Research Center at UCT	Richard Larmour, ERC	
Forum Awards presentation for 2016 winners – category winners info	Cllr Matthew Kempthorne and Sarah Rushmere, CCT	
Green Building Council update – certifications and courses	Manfred Braune, GBCSA	
Energy efficiency sector and City of Cape Town update and resources	Sarah Rushmere, CCT	August 2016
Launch of the City of Cape Town's new 'Resource Efficiency Criteria for Development' reference guide - introduction	Sarah Rushmere, CCT	
Western Cape Province energy efficiency goals and projects progress report	Dr Hildegard Fast, WCP	
Green Building Council SA update – certifications, rating tool, events, green star programme	Manfred Braune, GBCSA	

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National Cleaner Production Centre's industrial energy efficiency support programme	Alf Hartzenberg, NCPC	
GreenCape update on update on energy service companies (ESCOs), innovative financing and PV trends	Jack Radmore, GreenCape	
Ackermans retail lighting retrofit case study - integrated energy management program	Marius Jordaan, Ackermans	
Status of energy storage technology – technology, economics, trends	Brian Jones, CCT	
Eskom update - advisory services	Wayne Fortuin, Eskom	March 2016
City of Cape Town and energy efficiency sector update and resources	Sarah Rushmere, CCT	
Green Building Council of SA update - certifications and tools	Tyrel Momberg, GBCSA	
Launch of the City of Cape Town's 'Safe and Legal Installation of Solar PV' guidelines - introduction	Andrew Janisch, CCT	
Update on levels of (registered) small-scale embedded generation in Cape Town to date	Andrew Janisch, CCT	
GreenCape's PV Qualification and Training Initiative	Ursula Jordaan, GreenCape	
GreenCape's Market Intelligence Reports update	Songo Didiza, GreenCape	
Solar PV panel discussion and lessons learned from 7 organisations which have installed PV– includes details on size, nature and cost of PV systems and the savings generated.	Black River Park, V&A Waterfront, Cape Town French School. Bayside Mall, De Waterkant and De Villiers Mall, Solar Future, City of Cape Town, SAPVIA and Eskom.	
Eskom advisory services update	Wayne Fortuin, Eskom	November 2015
City of Cape Town energy update – new the new carbon emission and Energy2040 Vision targets, consumption levels, city action	Sarah Ward, CCT	
Energy efficiency sector update – site visits, projects, events, training, resources	Sarah Rushmere, CCT	
Western Cape Health Department hospitals energy efficiency case study – achievements, database, efficiency comparisons, challenges, engineering solutions	Andy Cunninghame, Western Cape Government	
V&A Waterfront Green Journey case study update & innovations – sustainability approach	Colin Devinish, V&A Waterfront	

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Energy Research Centre's selection criteria for the Energy Efficiency Forum award winners	Richards Larmour, ERC	
2015 Forum Awards winners announcement - category winners information	Cllr Johan van der Merwe, CCT	
Eskom IDM energy efficiency programme update and Demand Response initiative	Wayne Fortuin, Eskom	August 2015
City of Cape Town update - electricity consumption levels, Accredited Solar Water Heater Programme progress, Energy Game-Changer process and Energy 2040 Vision study results	Sarah Ward, CCT	
City of Cape Town Energy Efficiency Sector update - developments, resources, training	Sarah Rushmere, CCT	
Green Cape's 'Green Building Material' publication – new catalogue	Songo Didiza, Green Cape	
Cape Gate MAKRO retail energy efficiency case study	Alan Walkerm Makro Cape Gate ; and John During, R&L Architects	
SA National Energy Development Institute (SANEDI) update - 12 L tax incentive update	Barry Bredenkamp, SANEDI	
NBI Private Sector Energy Efficiency Programme update - top interventions , offer of support	Kevin Tarr-Graham, NBI	
Growthpoint Properties sustainability case study	Remy Kloos, Growthpoint	
Eskom Energy Efficiency Programme updates - "Make the Call" and the Self-Generation programme	Lodine Redelinghuys, Eskom	March 2015
City of Cape Town keynote address: how the City and commercial sector can address electricity crisis together (media statement)	Alderman Ian Neilson, CCT	
Hotel Verde Greening case study - performance and 'lessons learned'	Andre Harms, Ecolution	
City of Cape Town update- electricity consumption levels and City's Solar Water Heater Accreditation Programme progress; tools, resources, news, events, training	Sarah Rushmere, CCT	
City of Cape Town energy update	Sarah Ward, CCT	November 2014
Energy Efficiency Awards selection criteria	Richard Larmour, ERC	
Energy Efficiency Awards presentation	Councillor Johan van der Merwe, CCT	
City of Cape Town energy consumption and Solar Water Heater Programme update	Sarah Ward, CCT	July 2014

City of Cape Town Energy Efficiency Awards and Energy Services Companies (ESCOs) website	Tracy Brownlee, CCT	
Cavendish Square energy efficiency case study - reducing carbon footprint and operating costs; response to TOU tariff	Aslam Champion, Cavendish Square	
NBI Private Sector Energy Efficiency Programme – service offering	Oliver Stotko, NBI	
Portside and the 100% LED lighting challenge- energy efficiency case study	Thomas Ralph, BFBA Consultants	
GBCSA My Green Home Initiative	Sarah Rushmere, CCT	
City of Cape update - We Love Cape Town campaign and Earth Hour City Challenge	Sheryl Ozinsk, CCT	March 2014
City of Cape Town energy update – promotion of incorporation of solar water heaters into businesses	Sarah Ward, CCT	
SANEDI section 12L energy efficiency tax incentives update	Barry Bredenkamp, SANEDI	
Washtub Laundry Services energy efficiency case study	Shameem Kumandan, Washtub	
Radisson Blu Hotel - energy efficiency case study	Debra Sivertsen and Allan Peterson , Radisson Blu Hotel	
Eskom update - Standard Offer and Standard Product Programme	Lodine Redelinghuys, Eskom	September 2013
City of Cape Town Roadmap to Energy Efficiency, update and events	Tracy Brownlee, CCT	
City of Cape Town Smart Office Toolkit – behaviour change in office	Grace Stead, CCT	
Project 90 by 2030 SMART Electricity Planning	Robert Fischer, Project 90 by2030	
City of Cape Town Energy Efficiency Building Retrofit Programme	Sumaya Mohamed , CCT	
Hotel Verde green case study	Andre Harms, Hotel Verde	
City of Cape Town electricity tariff increases	Donovan Leeuwendaal, CCT	April 2013
City of Cape Town Energy Efficiency Forum review	Sarah Ward, CCT	
Vunani Property – retrofit case study of 14 Loop Street	Rob Kane, Vunani	
Woolworths Energy-Water Nexus case study - savings on reducing water footprint	Justin Smith, Woolworths	

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NBI Update on Energy Efficiency Leadership Network - projects and barriers	Valerie Geen, NBI	
Cape Town Partnership Energy Research - Central City Low Carbon Future Strategy;	Andrew Fleming, Cape Town Partnership	
Eskom incentives update	Wayne Fortuin, Eskom	
City of Cape Town energy update	Sarah Ward, CCT	August 2012
Old Mutual responsible investment - policy, physical and technological aspects and impact on decision-making of climate change - Cavendish Square Mall case study	Jon Duncan, Old Mutual	
Santam's sustainable insurance journey - integrated role of insurance - Eden District Municipality case study key findings	Ray-ann Sedres, Satam	
UCT Graduate School of Business on business contribution and response to climate change governance - Return on Investment	Ralph Hamman, GSB UCT	
Woolworths Palmyra Junction Green Store - case study	Justin Smith, Woolworths	March 2012
Mount Nelson Hotel energy efficiency case study - heat pump retrofit and design tips & Eskom's standard offer tips	Rob Fiander, Mount Nelson Hotel	
Cape Town's Energy Service Companies (ESCOs) website	Andrew Janisch, CCT	August 2011
Thibault Square multi-tenanted building - retrofit case study	Hendrik Liebenberg, Thibault Square	
Eskom Brackenfell Complex - energy efficiency case study	Riyaad Omer, Eskom Brakenfell	
WSP overview of green leasing	Eric Noir, WSP	
City of Cape Town green leasing for multi-tenanted buildings and resources	Sarah Rushmere, CCT	March 2011

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