



Manufacturing Circle Municipalities RoundTable | Electricity & Water

Background and Objective

Manufacturing Circle held a Municipalities Roundtable on Tuesday 3rd September to discuss electricity and water infrastructure matters impacting the manufacturing sector. The session included a progress update on electricity pilot projects in the City of Ekurhuleni as well as how to begin to solve for water issues going forward.

PRESENTATIONS

- **Municipalities Strategic Project | Electricity & Water:**
Deveena Subramony, Project Manager, Manufacturing Circle
 - Challenges & Key Themes
 - Electricity Project Charter
 - Activities & Projects
 - Water Project Charter
- **The Springs Story: Organising and Collaborating at a Local Level:**
Mike du Toit, Ward Councilor and Previous Past President, Eastern Gauteng Chamber of Commerce
- **Following the Eco Industrial Parks Route:**
Bernd Oellermann, Senior Project Manager, National Cleaner Production Centre (NCPC-SA)
- **Scene Setting: SA Water Landscape:**
Helen Hulett, CEO, ANDWATR.
- **Industrial Water Efficiency Project:**
Lindani Ncwane, Senior Project Manager, National Cleaner Production Centre (NCPC-SA)
- **Industrial Water Efficiency Programme & Strategic Water Partner Network Involvement:**
Natasha Ramkirpal Group Lead: Water Security & Optimisation, Coca-Cola Beverages Africa (CCBA)

SESSION 1: ACTIVE PARTNERING

OPENING ADDRESS - Yusuf Mayet, Senior Manager: Investment Promotion, Facilitation and Retention, City of Ekurhuleni
Aim: Overview of mid to long term plans that the city is pursuing to drive economic development including renewable energy projects and the airport

- Active engagement is required with government at all levels to include focus areas; Energy, Water, Waste, Safety and Security.
- Industry noted a greater need to counter the lack of municipal service delivery, to sustain factory operations.
- Municipal infrastructure is slowing processes down.
- Business stands ready to engage while noting the need for policy certainty and consistency in outcomes to motivate ongoing investment in operations.

MUNICIPALITIES ELECTRICITY PROJECT OVERVIEW - Deveena Subramony, Project Manager, Manufacturing Circle
Aim: tatus update on progress to date

- Top 10 business challenges impeding investment or expansion plans.
- MC Electricity Project Charter objectives and key deliverables:
 - Focus on Pilot project addressing critical electricity infrastructure
 - Creating an Active Partnering model with the municipalities to address service delivery dysfunction.

Progress Update:

- Pilot Project in Springs and Wadeville established
- Energy Efficiency rolled out
- Load Management and Curtailment task team established

ORGANISING AND COLLABORATING AT A LOCAL LEVEL - Mike du Toit, Ward Councilor and Previous Past President, Eastern Gauteng Chamber of Commerce
Aim: Address areas for concern at a municipality level in the Springs area

- Main area of focus – Springs JVA Substation.
- Crime noted as highest priority. Improvement in cable theft incidents was an example of collaborations across municipal, community and industry stakeholders.

ACTIVE PARTNERING MODEL – Deveena Subramony, Project Manager, Manufacturing Circle
Aim: To formalise the collaboration efforts between industry and local government.
To prioritise and implement critical electricity and water infrastructure projects with an industry hub focus.

- Springs MOU has been drafted by industry and shared with the CoE for consideration.

FOLLOWING THE ECO INDUSTRIAL PARKS ROUTE – Bernd Oellermann, Senior Project Manager, National Cleaner Production Centre (NCPC-SA)
Aim: Implementation of Re-imagined Spaces – EIPS

- National focus area that supports resource efficient and cost effective spaces.
- Transition being achieved through advisory services, planning, capacity building and training.
- Status update of EIP journey in Wadeville.

Session 2: WATER

SCENE SETTING: SA WATER LANDSCAPE – Helen Hulett, CEO, ANDWATR.
Aim: Overview of water sustainability and stability from an industry perspective.

- Water shortages starting to impact industrial production.
- Marked deterioration of catchment water quality and water supply failure at service provider level.
- Overview of institutional structure and legislation.

MUNICIPALITIES WATER PROJECT OVERVIEW - Deveena Subramony, Project Manager, Manufacturing Circle
Aim: Identify pilot project around key areas such as waste water treatment, industrial water efficiency & water security

- Draft project charter presented.
- Water project initiatives ongoing.

INDUSTRIAL WATER EFFICIENCY PROJECT - INDUSTRIAL WATER EFFICIENCY PROJECT – Lindani Ncwane, Senior Project Manager, National Cleaner Production Centre (NCPC-SA)
Aim: To provide an overview of current and future industrial water efficiency work and programmes available to MC members companies

INDUSTRIAL WATER EFFICIENCY PROGRAMME & STRATEGIC WATER PARTNER NETWORK INVOLVEMENT - Natasha Ramkirpal, Group Lead: Water Security & Optimisation, Coca-Cola Beverages Africa (CCBA)
Aim: Sharing of CCBA's best practices and success stories on water management in their facilities.

MC WATER SURVEY – Philippa Rodseth, Executive Director, Manufacturing Circle

- Water project still in scoping stage
- MC water survey in process to understand MC company members' needs.

NEXT STEPS

MC to communicate member company water survey results by end of September 2024.
MC to communicate any progress or developments further to CoE review of the draft Active Partnering Model (MOU).

For further information or inputs relating to the MC Municipalities Strategic Project including either electricity or water infrastructure and service delivery matters, please contact Jo jo@manufacturingcircle.co.za

ATTENDEES

Actom	Mervyn Naidoo	Macsteel	Mike Benfield
ANDWTAR.	Helen Hulett	Manufacturing Circle	Jo Bryden
Ardagh Glass	Thami Mkhuzangwe	Manufacturing Circle	Philippa Rodseth
Coca Cola Beverages Africa (CCBA)	Ntsako Baloyi	Manufacturing Circle	Deveena Subramony
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Coca Cola Beverages Africa (CCBA)	Msizi Mzwakali	National Cleaner Production Centre (NCPC-SA)	Bernd Oellermann
Coca Cola Beverages Africa (CCBA)	Natasha Ramkirpal	National Cleaner Production Centre (NCPC-SA)	Lindani Ncwane
Eastern Gauteng Chamber of Commerce	Mike du Toit	PG Group	James de Smidt
Eastern Gauteng Chamber of Commerce	Barbara Ann Day	PG Group	Johan Kruger
City of Ekurhuleni	Yusuf Mayet	Restonic	Mandisa Maseng
EY	Rashid Khan	Rocla	Lwazi Goqwana
EY	Lance Williams	Trade & Industrial Policy Strategies (TIPS)	Sakhile Ndlovu
EY	Siham Salie-Abrahams		
EY	Sarishka Naidoo		
KSB Pumps	Grant Glennistor		



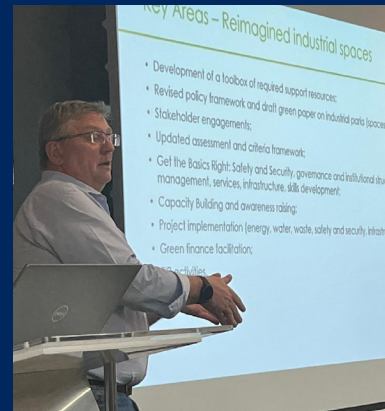
Helen Hulett - ANDWATR.



Lindani Ncwane - National Cleaner Production Centre (NCPC-SA)



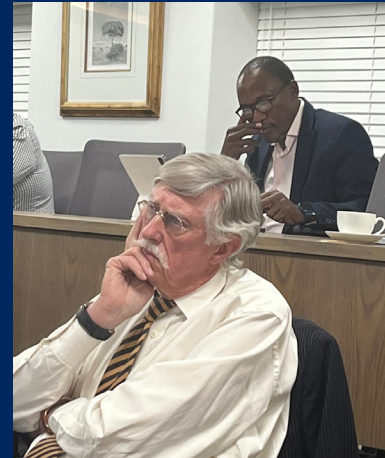
Yusuf Mayet - City of Ekurhuleni



Bernd Oellermann - National Cleaner Production Centre (NCPC-SA)



Natasha Ramkirpal - Coca-Cola Beverages Africa (CCBA)



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