

 <p><b>environmental affairs</b>  Department:  Environmental Affairs  REPUBLIC OF SOUTH AFRICA</p>	<b>DRAFT PROGRAMME</b>
	<p>13<sup>th</sup> Annual Air Quality  Governance Lekgotla</p> <p><b>Mitta Seperepere Convention Centre, Kimberly,  Northern Cape  1 – 3 October 2018</b></p>

*“GEARING UP FOR AIR QUALITY MANAGEMENT TOWARDS 2020”*

The National Department of Environmental Affairs welcomes all Air Quality Officers to the 13<sup>th</sup> Annual Air Quality Governance Lekgotla. The Annual Air Quality Governance Lekgotla provides AQOs from all spheres of government with a unique opportunity to discuss and debate ways and means of addressing the various governance challenges and discuss plans for the year ahead. Therefore, the Lekgotla aims to provide the necessary guidance and support to authorities towards the effective implementation of the National Environmental Management: Air Quality Act (39) of 2004 (AQA). The 2018 Air Quality Governance Lekgotla will focus on amongst others, ambient air quality management in the country, emission management which include atmospheric emission management.

*LEKGOTLA OBJECTIVE*

All government air quality managers, through the knowledge of what can and should be done gained during the Lekgotla, are inspired to build, strengthen and/ or fine-tune their air quality management interventions towards the implementation of the AQA to contribute to a better life for all.

*DAY 1 - MONDAY, 1 OCTOBER 2018*

REF.	TIME	EVENT	OBJECTIVE	SPEAKER/ FACILITATOR
0.1	08:30 - 09:15	Lekgotla registration, refreshments and exhibitions	All Lekgotla participants are formally registered and provided with Lekgotla packs	DEA
0.2	09:15 - 09:30	Participants take up their seats in plenary	All participants are seated for day 1 proceedings	DEA
<b>SESSION 1: LEKGOTLA OFFICIAL OPENING AND INTRODUCTION (Chair – DEA, ADDG: CC&amp;AQ)</b>				
1.1	09:30 - 09:40	Opening and 2018 Lekgotla Objectives	All participants share a common understanding of what the 2018 Air Quality Lekgotla aimed to achieve as well as planned proceedings of the three days	Chair
1.2	09:40 - 10:00	Formal welcome by the host Municipality	All participants are welcomed to the Municipality	Executive Mayor, Sol Plaatjie Local Municipality, Councillor O. M. Matika
1.3	10:00 - 10:30	The 2018 State of Air Report and AQM Highlights	All share a common understanding of the National Air Quality Officer's Report and are made aware of the current state of air in the country	DEA, National Air Quality Officer, Dr Thuli N. Khumalo
1.4	10:30 - 10:50	Message of support		Member of the Portfolio Committee of Environmental Affairs
1.5	10:50 - 11:10	Message of Support		NC MEC: Environment, Nature and Conservation, Mr P.J William
1.6	11:10 - 11:30	Interaction with Air Quality Officers	Official opening of the 2018 Air Quality Governance Lekgotla	Deputy Minister of Environmental Affairs, Hon Barbara Thomson
1.7	11:30 - 11:45	Panel Discussions		Chair

*DAY 1 - MONDAY, 1 OCTOBER 2018*

REF.	TIME	EVENT	OBJECTIVE	SPEAKER/ FACILITATOR
	11:45 - 12:00	<b>TEA, EXHIBITIONS AND MEDIA BRIEFING</b>		
<b>SESSION 2: AMBIENT AIR QUALITY MONITORING AND REPORTING (Chair – DEA, National Air Quality Officer, Dr Thuli Khumalo)</b>				
2.1	12:00 - 12:20	Northern Cape Air Quality Management programmes	All participants share a common understanding of the current initiatives in the provinces and any plans for future.	DENC, Mr Brain Fisher/ Mr David Khakhane
2.2	12:20 - 12:40	Coega SEZ: Our Approach to Air Quality Management	An overview of air quality monitoring in Coega Industrial Development Zone and the investment planning of Special Economic Zone (SEZ)	Coega Development Corporation, Ms Andrea Shirley
2.3	12:40 - 13:00	Ambient Air Quality Monitoring Strategy	All participants share a common understanding on what the proposed monitoring strategy aimed to achieve.	DEA, Mr Tsietsi Mahema
2.4	13:00 - 13:20	Understanding ambient air quality monitoring based on the National Air Quality Indicator and the South African Air Quality Index	All participants share a common understanding on the ambient air quality monitoring using the NAQI and the Index.	DEA, Dr Patience Gwaze
2.5	13:20 - 13:30	Discussions, Q & A		All
	13:30 - 14:30	<b>LUNCH AND EXHIBITIONS</b>		

*DAY 1 - MONDAY, 1 OCTOBER 2018*

REF.	TIME	EVENT	OBJECTIVE	SPEAKER/ FACILITATOR
<b>SESSION 3: AIR QUALITY INFORMATION MANAGEMENT SYSTEMS (Chair – DENC, Mr Brain Fisher)</b>				
3.1	14:30 – 14:50	The use of drones in air quality monitoring and management		WC DEA&DP, Mr Garreth Grosch
3.2	14:50 – 15:10	Mercury Monitoring at Cape Point: What does 20 years data tell us?		SAWS, Dr Lynwill Martin
3.3	15:10 - 15:30	The SAAELIP Showcase		DEA, Mr Vumile Senene/ Dr Patience Gwaze
3.4	15:30 - 16:00	SAAQIS Upgrade Showcase		DEA, Dr Patience Gwaze
3.5	16:00 - 16:20	Discussions, Q & A		Chair
3.6	16:20 - 16:30	Closure of Day 1 proceedings and announcements	All participants are informed of any logistical arrangements for the next day	DEA, National Air Quality Officer, Dr Thuli N. Khumalo
<b>SESSION 4: WORKING GROUP 2 MEETING ( National Air Quality Officer, Dr Thuli N. Khumalo)</b>				
4.1	16:30 - 17:00	Feedback from MINTECH and MINMEC/ Matters to be elevated to MINTECH and MINMEC	All participants have a common understanding on the priorities and agree on the matters that need to be elevated to MINTECH and MINMEC	Chair
4.2	17:00	Closure and a way forward	All participants are informed of any logistical arrangements	Chair
<i>Informal dinner: 19H00</i>				

DAY 2 – TUESDAY, 2 OCTOBER 2018				
REF.	TIME	EVENT	OBJECTIVE	SPEAKER/ FACILITATOR
0.1	08:30 - 08:45	REFRESHMENTS AND EXHIBITIONS		
0.2	08:45 - 09:00	Participants take up their seats in plenary	All participants are seated for day 1 proceedings	DEA
<b>SESSION 5: AIR QUALITY MANAGEMENT PLANNING (Chair – WC DEA&amp;DP, Dr Joy Leaner)</b>				
5.1	09:00 - 09:10	Welcome by session chair.	All participants are informed of the day's programme and logistical arrangements	Chair
5.2	09:10 - 09:30	VTAPA Source apportionment and preliminary results	All participants share a common understanding of what the research study aimed to achieve	DEA, Mr Vumile Senene
5.3	09:30 - 09:50	Critical evaluation of VTAPA AQMP: 2009 versus 2018	All participants share a common understanding of the VTAPA AQMP outcomes	DEA, Dr Vincent Gololo
5.4	09:50 - 10:20	Cost benefits analysis: Methodology and results	All participants share a common understanding of the benefits of investing in air quality management	DEA, Ms Elizabeth Masekoameng
5.5	10:20 - 10:40	Discussions, Q & A		Chair
	10:40 - 11:00	TEA AND EXHIBITIONS		

*DAY 1 - MONDAY, 1 OCTOBER 2018*

REF.	TIME	EVENT	OBJECTIVE	SPEAKER/ FACILITATOR
<b>SESSION 6: EMISSION MANAGEMENT AND ASSOCIATED RISKS (Chair – DEA, National Air Quality Officer, Dr Thuli Khumalo)</b>				
6.1	11:00 - 11:20	Analysis of Postponement Applications and the Risk the Pose to Emissions Reductions	Understanding the impact of 2020 Emission standards and associated risks on air quality management	DEA, Mr Derrick Makhubele
6.2	11:20 - 11:50	2020 Emission Standards Compliance: Prognosis of Emission reductions in critical pollutants		DEA, Dr Vincent Gololo
6.3	11:50 - 12:20	Mining threats on air quality management		DEA, Mr Peter Lukey
6.4	12:20 - 12:45	Addressing Manganese ore and other hazardous ore transport, handling and storage in Saldanha Bay, on the West Coast of South Africa		Rene Toesie, Saldanha Bay Municipality
6.5	12:45 - 13:10	Compliance Monitoring and Enforcement on Air Quality facilities		DEA, Mr Grant Walters
6.6	13:10 - 13:30	Discussions, Q & A		Chair

*DAY 1 - MONDAY, 1 OCTOBER 2018*

REF.	TIME	EVENT	OBJECTIVE	SPEAKER/ FACILITATOR
	13:30 - 14:30	<b>LUNCH AND EXHIBITIONS</b>		
<b>SESSION 7: AIR QUALITY RELATED REGULATIONS (Chair – GDARD, Mr Jacob Legadima)</b>				
7.1	14:30 - 15:00	National Priority Area Management Regulations		DEA, Adv Avhantodi Munyai
7.2	15:00 - 15:40	NEMA/ SEMA alignment Project		DEA, Ms Dee Fischer
7.3	15:40 - 15:50	Discussions, Q & A		Chair
7.4	15:50 - 16:00	Closure of Day 2 proceedings and announcements	All participants are informed of any logistical arrangements for the next day	DEA, National Air Quality Officer, Dr Thuli N. Khumalo
<b>2018 AIR QUALITY GOVERNANCE LEKGOTLA DAY 2 PROCEEDINGS FORMALLY CLOSED</b>				

*DAY 3 - WEDNESDAY, 3 OCTOBER 2018*

REF.	TIME	EVENT	OBJECTIVE	SPEAKER/ FACILITATOR
	08:30 - 08:45	<b>REFRESHMENTS AND EXHIBITIONS</b>		
	08:45 - 09:00	Participants take up their seats in the plenary	All participants are seated and settled for the day's proceedings	Event organisers
<b>SESSION 8: MONITORING AND REPORTING QUALITY SYSTEMS (Chair – DEA, National Air Quality Officer, Dr Thuli Khumalo)</b>				
8.1	09:00 - 09:10	Initial welcome by the session Chair	All participants are welcomed, informed of the day's programme and any pressing logistical arrangements	Chair
8.2	09:10 - 10:10	The National Ambient Air Quality Monitoring Network Quality System	All participants share a common understanding on ambient air quality monitoring, emission monitoring and reporting legal requirements	Dr Patience Gwaze
8.3	10:10 - 11:00	A Quality System Framework to support Emission monitoring and reporting in SAAELIP		DEA, Mr Vumile Senene
8.4	11:00 - 11:30	Discussions, Q & A		Chair



	11:30 – 12:00	<b>REFRESHMENTS AND EXHIBITIONS</b>		
<b>SESSION 9: REPORT BACK AND CLOSSURE (Chair – DENC, Mr David Khakhane)</b>				
9.1	12:00 - 12:30	The 2018 NAQO Report and 2018 Lekgotla Resolutions	All participants share a common understanding of the status of air quality management and the various air quality management achievements	DEA – National Air Quality Officer, Dr Thuli N. Khumalo
9.2	12:30 - 12:45	Vote of Thanks		Chair
9.3	12:45 - 13:00	Announcement and Closure		DEA – NAQO, Dr Thuli N. Khumalo
	13:00	<b>2018 AIR QUALITY GOVERNANCE LEKGOTLA FORMALLY CLOSED</b>		

## ROLES AND RESPONSIBILITIES

### *Role of DEA (National)*

- To formulate policy
- To set norms and standards
- To monitor performance by provinces and municipalities
- Intervention(oversight) powers
- To assist in Capacity Building

### *Role of Province*

- Province should make provision for oversight with regard to environment to include air pollution?
- To develop provincial strategies and action plans in line with the national policies, as well as air quality management plans.
- To develop provincial legislation and standards where necessary.

## *Role of Municipality*

The Constitution defines air pollution as an executive function of local government. This imposes great responsibilities on local municipalities in terms of building capacity, to ensure effective monitoring, enforcement and licensing of air pollution activities.

Among activities for which municipalities will be responsible, in terms of the new law are:

- Development and implementation of Air Quality Management Plans for a particular area.
- The setting up of source emission inventories
- Setting up of ambient air monitoring networks
- Setting up of community monitoring forums
- Development of standards in line with national baseline standards.
- By-Laws.

The Constitutional obligation entails that municipalities must ensure that air quality issues must be incorporated in the Integrated Development Planning (IDP) processes. The implication is that municipalities are now obliged to commit substantial funds for air quality management in their budget.