

**NOTICE OF AN APPLICATION FOR ENVIRONMENTAL
AUTHORISATION AND A CHANGE OF LANDUSE FOR THE
PROPOSED MUSINA-MAKHADO SPECIAL ECONOMIC
ZONE (SEZ)**

LIMPOPO PROVINCE

BACKGROUND INFORMATION DOCUMENT



LEDA
LIMPOPO ECONOMIC
DEVELOPMENT AGENCY
AN AGENCY OF THE LIMPOPO
PROVINCIAL GOVERNMENT
REPUBLIC OF SOUTH AFRICA

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DELTA
built environment consultants

1. BACKGROUND

The Limpopo Economic Development Agency (LEDA) has appointed Delta Built Environment Consultants (Delta BEC) to undertake the environmental authorisation process and the change of land use for the proposed Musina-Makhado Special Economic Zone (SEZ). The proposed Musina-Makhado SEZ is situated within the Makhado and Musina local municipalities under jurisdiction of the Vhembe District Municipality within the Limpopo Province.

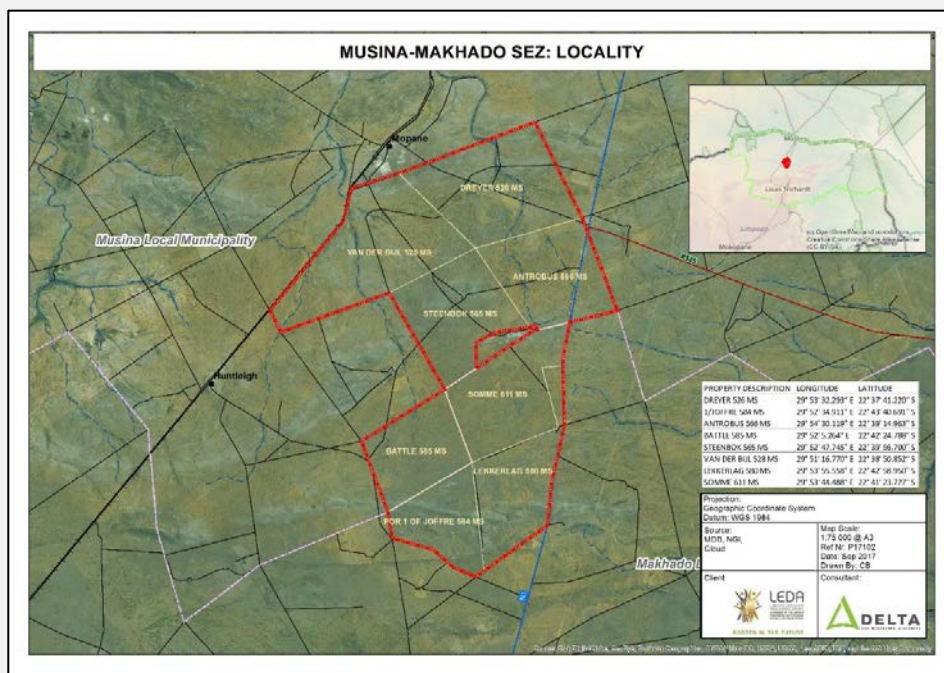
The main strategic objective of the LEDA is to accelerate industrial diversification through strategic economic development interventions. The metallurgical cluster zone of the SEZ's primary focus will be the beneficiation of minerals endowed in the Vhembe district and its neighbouring areas. Coking coal and other minerals, which are key inputs into the steel and iron production process will be part of the upstream and downstream value adding process, in line with the country's national industrialisation objectives and mineral beneficiation strategy.

Other land uses envisaged to complement the energy and metallurgical complex will comprise bulk infrastructure, light industries, intermodal facilities, housing, retail centres, business uses, community facilities and telecommunication services. The zone will generate job opportunities for the skilled, semi-skilled and skilled labour market.

In terms of the National Environmental Act [NEMA], 1998 (Act 107 of 1998) a scoping and Environmental Impact Assessment process will be required to obtain Environmental Authorisation for the development of the Special Economic Zone.

2. PROJECT LOCATION

The proposed Musina-Makhado SEZ is located on eight farms across the Makhado and Musina local municipalities, which fall under jurisdiction of the Vhembe District Municipality in the Limpopo Province. The nearest towns are Makhado (located 31 km south) and Musina (located 36 km north) of the proposed SEZ.



3. PROPOSED DEVELOPMENT

The Musina-Makhado SEZ will comprise an offering of mixed land uses and infrastructure provision to ensure the optimal manufacturing operations in the SEZ. It is envisaged that the energy and metallurgical complex shall comprise the manufacturing plants outlined in the table below.

	<u>CAPACITY</u>	<u>AREA</u>
<u>PROJECTS</u>	(Mtpa)	(ha)
Power Plant	3	300
Coke Plant	5	500
Ferrochromium Plant	3	500
Ferromanganese Plant	1	100
Pig Iron Plant	6	600
Carbon steel plant	2	200
Stainless steel plant	4	500
Lime plant	8	500
Silicon-manganese plant	0.5	100
Metal silicon plant	0.3	50
Calcium carbide plant	0.3	50
Infrastructure		2,600
<u>TOTAL</u>		<u>6,000</u>

The Special Economic Zone's main land uses as well as the ancillary uses to compliment and support the energy and metallurgical complex will comprise the following:

Table 1: Special Economic Zone Main Land Uses

Land Use Category	Land Uses
Infrastructure	Roads
	Solid waste
	Water treatment works
	Substations
	Bulk water supply, water reservoirs and distribution
Noxious Industry	Steel plant
	Coking plant
	Ferromanganese plant
	Pig iron metallurgy plant
	Lime plant
	Ferrosilicon plant

Land Use Category	Land Uses
	Ferrochrome plant
	Stainless steel plant
	Power generation plant
Light Industrial	Service industries
	Steel products industries, workshops or yards
	Building materials factory
	Light industrial plants
	Packaging materials factory
	Warehouses

Table 2: Special Economic Zone Ancillary Land Uses

Land Use Category	Land Uses
Infrastructure	Roads
	Solid waste
	Water treatment works
	Substations
	Bulk water supply, water reservoirs and distribution
Intermodal Facilities	Including transport uses
	Transport terminus
	Diesel fuel station
	Mechanical repair plant
	Automobile logistics centre
Retail	Shopping centre
	Farmers market
	Supermarket/neighbourhood centre
	Commercial banks
Business Uses	Administration buildings/offices
	Hotels (3-star and 5-star hotels)
Staff Facilities	Hospital
	Government uses
	Library
	Crèche

Land Use Category	Land Uses
	Religious facilities
	Community facilities
	Recreational areas (e.g. football, basketball, volleyball, tennis, swimming pool, gym)
Information and Telecommunication services	Telecommunication masts

4. REGULATORY REQUIREMENTS

The proposed Musina-Makhado Special Economic Zone will trigger several activities listed in terms of the National Environmental Management Act [NEMA], 1998 (Act No. 107 of 1998): Environmental Impact Assessment Regulations, 2014, as amended.

Listed activities are listed in the following Government Notices: GN R. 983, GN R.984 and GN R.985. These listed activities will require that a Scoping and Environmental Impact Assessment process be undertaken to obtain environmental authorisation.

LISTING NOTICE 1

<u>ACTIVITY NO</u>	<u>LISTED ACTIVITY</u>
9	The development of infrastructure exceeding 1000 metres in length for the bulk transportation of water or stormwater – i. With an internal diameter of 0.36 metres or more With peak throughput of 120 litres per second or more.
10	The development and related operation of infrastructure exceeding 1000 metres in length for the bulk transportation of sewage, effluent, process water, wastewater, return water, industrial discharge or slimes – i. With an internal diameter of 0.36 metres or more With a peak throughput of 120 litres per second or more.
11	The development of facilities or infrastructure for the transmission and distribution of electricity – i. Outside urban areas or industrial complexes with a capacity of more than 33 but less than 275 kilovolts.
13	The development of facilities or infrastructure for the off-stream storage of water, including dams and reservoirs, with a combined capacity of 50 000 cubic metres or more.
14	The development and related operation of facilities or infrastructure, for the storage, or for the storage and handling, of a dangerous good, where such storage occurs in containers with a contained capacity of 80 cubic metres or more but not exceeding 500 cubic metres.

24	The development of a road – With a reserve wider than 13.5 meters, or where no reserve exists where the road is wider than 8 metres.
25	The development and related operation of facilities or infrastructure for the treatment of effluent, wastewater or sewage with a daily throughput capacity of more than 2000 cubic metres but less than 15 000 cubic metres.
28	Residential, mixed, retail, commercial, industrial or institutional developments where such land was used for agriculture, game farming, equestrian purposes or afforestation on or after 01 April 1998 and where such development: Will occur outside an urban area, where the total land to be developed is bigger than a hectare.

LISTING NOTICE 2

ACTIVITY NO	LISTED ACTIVITY
6	The development of facilities or infrastructure for any process or activity that requires a permit or licence or an amended permit or licence in terms of national or provincial legislation governing the generation or release of emissions, pollution or effluent.
9	The development of facilities or infrastructure for the transmission and distribution of electricity with a capacity of 275 kilovolts or more, outside an urban area or industrial complex.
11	The development of facilities or infrastructure for the transfer of 50 000 cubic metres or more water per day, from and to or between any combination of the following – <ul style="list-style-type: none"> i. Water catchments ii. Water treatment works Impoundments.
15	The clearance of an area of 20 hectares or more of indigenous vegetation.
25	The development and related operation of facilities or infrastructure for the treatment of effluent, wastewater or sewage with a daily throughput capacity of 15 000 cubic metres or more.
27	The development of a road – With a reserve, wider than 30 metres.

LISTING NOTICE 3

ACTIVITY NO	LISTED ACTIVITY
2	The development of reservoirs, excluding dams, with a capacity of more than 250 cubic metres. Limpopo

	<ul style="list-style-type: none"> ii. Outside urban areas b. Sensitive areas as identified in an environmental management framework as contemplated in Chapter 5 of the Act and as adopted by the competent authority. <p>Critical biodiversity areas as identified in systematic biodiversity plans adopted by the competent authority or in bioregional plans.</p>
4	<p>The development of a road wider than 4 metres with a reserve less than 13.5 metres.</p> <p>Limpopo</p> <ul style="list-style-type: none"> i. Outside urban areas c. Sensitive areas as identified in an environmental management framework as contemplated in Chapter 5 of the Act and as adopted by the competent authority. <p>Critical biodiversity areas as identified in systematic biodiversity plans adopted by the competent authority.</p>
10	<p>The development and related operation of facilities or infrastructure for the storage, or storage and handling of a dangerous good.</p>
12	<p>The clearance of an area of 300 square metres or more of indigenous vegetation except where such clearance of indigenous vegetation is required for maintenance purposes undertaken in accordance with a maintenance management plan.</p> <p>Limpopo</p> <ul style="list-style-type: none"> ii. Within critical biodiversity areas identified in bioregional plans. <p>On land, where, at the time of coming into effect of this notice or thereafter such land was zoned open space, conservation or had an equivalent zoning.</p>

As part of the environmental impact assessment process, Interested and Affected Parties (I&APs) will be offered the opportunity to register their interest to the project in order to partake in the public participation process in terms of Section 41 of the Environmental Impact Assessment Regulations 2014 (GN R.982) as amended in April 2017.

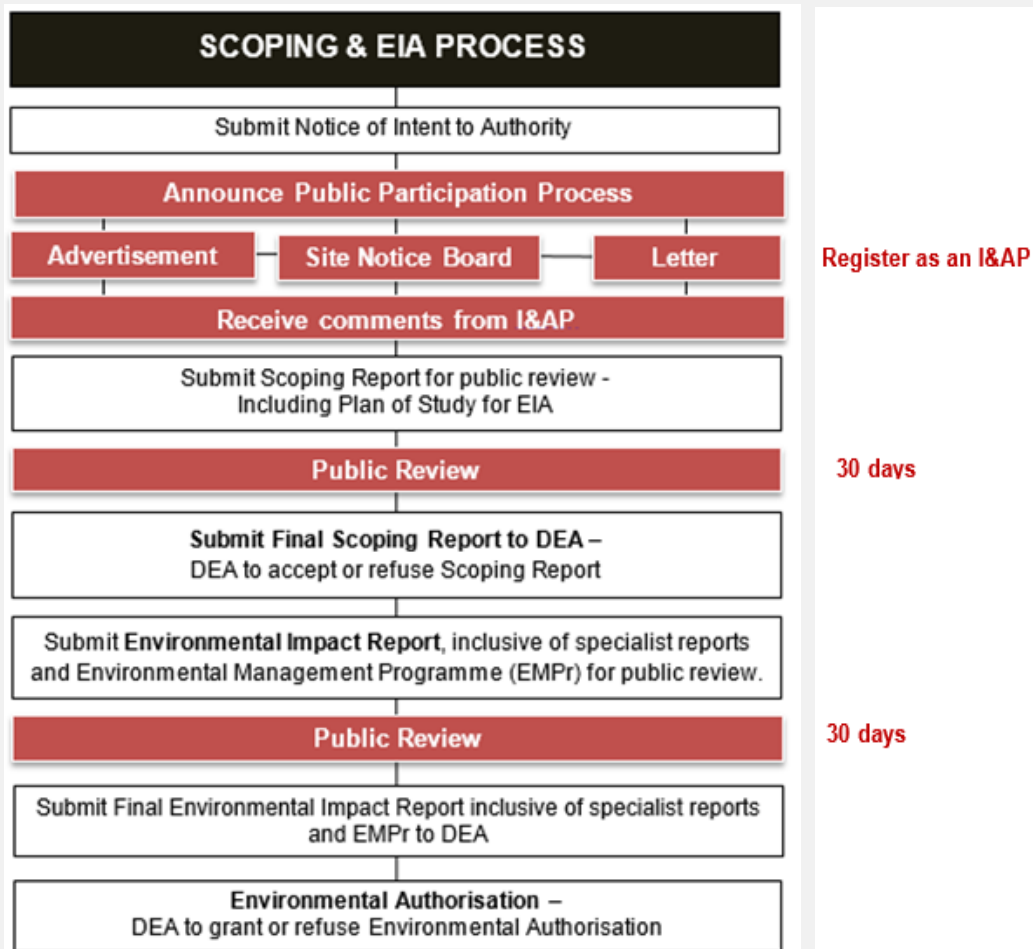


Figure 1: EIA process and I&AP commenting opportunities

5. PUBLIC PARTICIPATION PROCESS

The sharing of information forms the basis of the public participation process (PPP) in terms of Section 41 of the Environmental Impact Assessment Regulations, 2014 (GN R.982) as amended, in order to provide I&APs the opportunity to partake in the Environmental Impact Assessment (EIA) process.

In terms of the public participation process in Section 41 of the EIA Regulations of 2014 as amended, your attention is drawn to your rights and responsibilities as a I&AP:

- To participate in the public participation process, you must register yourself on the project database with the correct contact details (refer to the Registration Form at the back of this document).
- You must ensure that any comments regarding the proposed project are submitted within the stipulated 30-day timeframes.
- You are required to disclose any direct business, financial, personal or other indirect interest that you may have regarding the approval or refusal of the application for Environmental Authorisation for the proposed project activity.

HOW TO BECOME INVOLVED

Kindly respond (e-mail or written letter) to our invitation, which will be advertised (i.e. fixed notice board, written notice, advertisement in newspaper):

- By returning the attached form at the back of this document to the relevant identified contact persons.
- By attending arranged open day meetings to be held during the course of the project and be informed of the proposed dates and places for the public open day meetings to be held, if you are registered as an interested and/or affected party.
- By reviewing and commenting/providing input and feedback on the draft Scoping and EIA Reports within the stipulated 30-day review period (refer to **Figure 1 - EIA process and I&AP commenting opportunities**).
- Your input into this process forms a key element with regard to the decision of the application for Environmental Authorisation. By completing and submitting the accompanying form, you automatically register yourself as an I&AP for this project and are ensured that your comments, concerns or queries raised regarding the project will be noted and brought to the attention of the Department. You will be provided with the necessary information on time.

To register as an I&AP, please submit your name, contact information and interest in the project to Ronaldo Retief at the contact details provided below within 30-days of receiving this correspondence.

Your participation in the process is highly appreciated.

Yours faithfully,

Ronaldo Retief

Delta Built Environment Consultants

P.O. Box 35703, Lynnwood, Pretoria, 0180

Tel: 012 368 1850

Fax: 012 348 4738

Email: Ronaldo.Retief@deltabec.com or sez@deltabec.com

NOTICE OF APPLICATION FOR ENVIRONMENTAL AUTHORISATION AND CHANGE OF LANDUSE FOR THE PROPOSED MUSINA-MAKHADO SPECIAL ECONOMIC ZONE (SEZ) IN TERMS OF THE ENVIRONMENTAL IMPACT ASSESSMENT REGULATIONS OF 2014 (AS AMENDED)

Reference: Musina-Makhado Special Economic Zone (SEZ)

If you would like to register as an interested and affected party, please complete the form below and return it within 30-days of receipt of this document to:

Delta Built Environment Consultants
P.O. Box 35703, Lynnwood, Pretoria, 0180
Tel: 012 368 1850
Email: Ronaldo.Retief@deltabec.com

Title: _____ Initials: _____ First Name: _____

Surname: _____

Interest/nature of involvement, e.g. property owner: _____

Organisation: _____

E-mail: _____

Telephone work: _____ Telephone home: _____

Cellular Phone: _____ Fax: _____

Physical address (street) / property description (name and number):

Postal address:

What is your main area of interest with regard to the proposed activities?

Please register any possible comments, interests and/or concerns in this process:



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REPUBLIC OF SOUTH AFRICA



Delta Built Environment Consultants
P O Box 35703
Menlo Park
0102

ROOTED IN THE FUTURE

Reference: Musina-Makhado Special Economic Zone (SEZ)

Dear Sir/Madam

NOTICE OF APPLICATION FOR ENVIRONMENTAL AUTHORISATION AND CHANGE OF LANDUSE FOR THE PROPOSED MUSINA MAKHADO SPECIAL ECONOMIC ZONE (SEZ) IN TERMS OF THE ENVIRONMENTAL IMPACT ASSESSMENT REGULATIONS OF 2014 (AS AMENDED)

As an Interested and Affected Party, I, _____
(full name), owner / tenant of property
_____ (name

of property), agree with the following (**kindly mark the applicable option/s**):

- I have **received information** regarding the application for Environmental Authorisation for the project mentioned above.
- I do not have any objections regarding the proposed project and I therefore wish to express my **consent or no-objection** for the proposed project.
- I **do not agree** with the proposed project and I therefore wish to express my **objection** to the proposed application for environmental authorisation.
- I want to **register as an I&AP** and to be kept informed of the process and of local open day sessions (please use attached form to fill in your contact details).
- I want to attend an information session of the proposed project at Delta BEC's head office in Pretoria, Gauteng Province

SIGNATURE: _____

DATE: _____