

## Background Information Document

### PROPOSED DEVULCANISATION PLANT IN ZONE 6 OF THE COEGA INDUSTRIAL DEVELOPMENT ZONE

24 July 2012

## CEN Integrated Environmental Management Unit

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Walmer, Port Elizabeth 6070

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#### Purpose of the Background Information Document

The purpose of this Background Information Document (BID) is to provide stakeholders with the opportunity to register as interested and affected parties in the environmental assessment process and to obtain their initial comments on the proposed construction and operation of a Devulcanisation Plant in Zone 6 of the Coega Industrial Development Zone (IDZ). The activities require the following assessments and authorisations: 1) A Basic Assessment to the Department of Economic Development, Environmental Affairs and Tourism; and 2) A Fuel Burning Appliance License from the Nelson Mandela Bay Municipality.

The purpose of the environmental assessment is to identify potential impacts associated with the proposed development and to recommend measures to avoid or reduce adverse impacts and enhance beneficial or positive impacts.

The environmental decision making authority is the Provincial Department of Economic Development, Environmental Affairs and Tourism in accordance with the Regulations published in Terms of Chapter 5 of the National Environmental Management Act 107 of 1998 as amended (Government Notice R.543 in Government Gazette 33306 of 10 December 2010)

If you would like to participate in the process please register yourself and or your organization as an interested and affected party. Submit issues that you feel need to be addressed in the assessment by completing the response form or in a letter or by email to:

**Dr Mike Cohen, CEN IEM Unit  
36 River Road, Walmer  
Port Elizabeth, 6070**

<mailto:steenbok@aerosat.co.za> (preferred method of contact)

**All comments must be submitted within 40 days of the date of this notice**

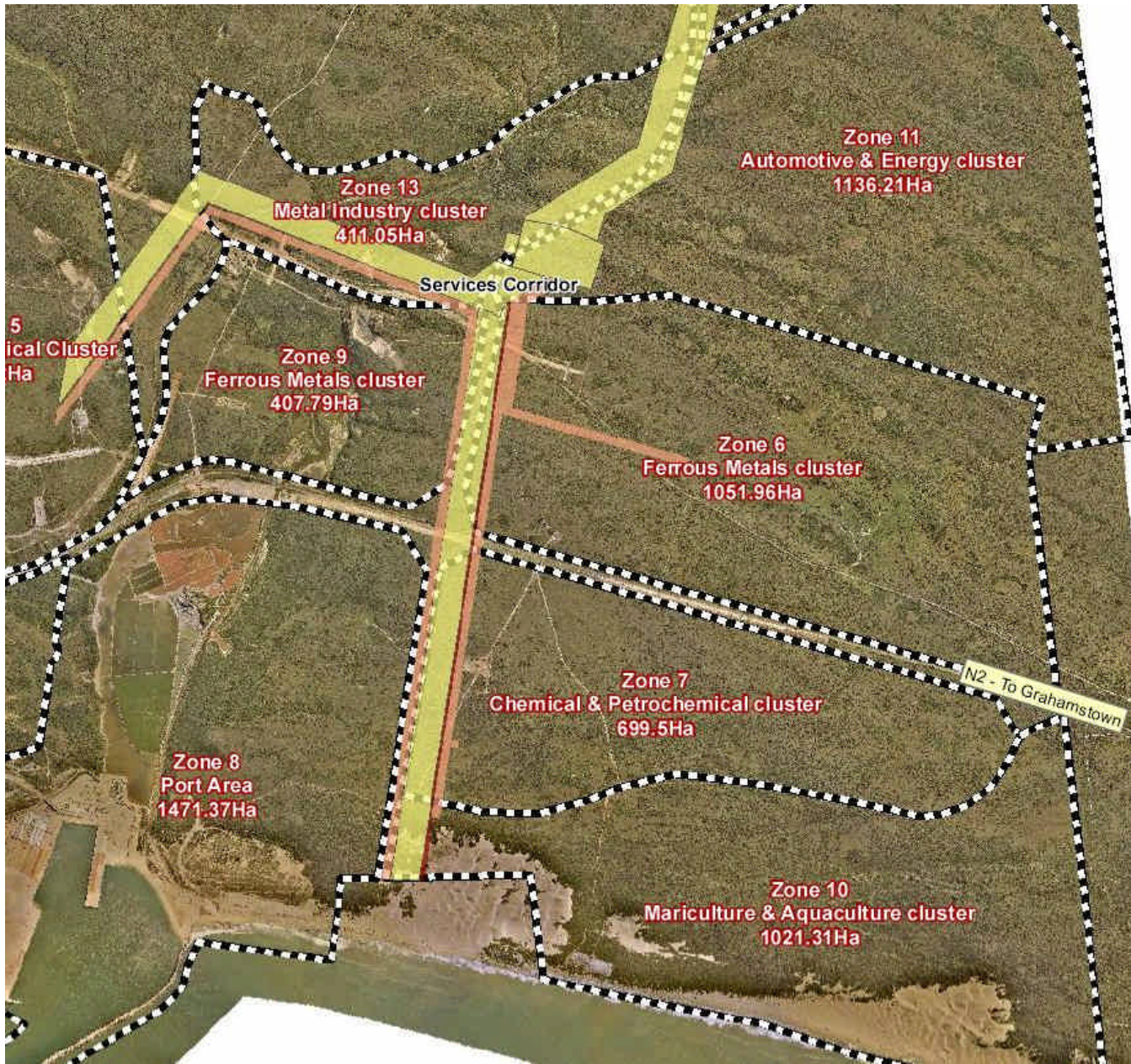
**Date of Notice – 24 July 2012  
Closing Date for Registration – 3 September 2012**

## **The Proposal**

ID Control Biotech would like to construct and operate a Devulcanisation Plant on a Portion of Erf 329 in Zone 6 of the Coega Industrial Development Zone (IDZ). Rubber crumb derived from scrap rubber and tyres will be recycled using devulcanisation technology. Products include processed rubber crumb that is used as a substitute for virgin rubber and liquor used for fertilizer.

## **Locality**

Zone 6 is situated north of and adjacent to the N2 and east of the Coega River and is designated as a Ferrous Metals cluster in the zonation plan of the IDZ (refer to Figure 1). The site allocated for Devulcanisation Plant is approximately 2.5 ha in size and is situated between the services corridor and Ring Road, and south of the Agni Steel facility and the proposed Tyre Pyrolysis Plant (approximate central GPS location 33°45'13.35"S 25°41'09.90"E). Figure 2 is a Google Earth image of the site, and Figure 3 is an extract of a 1:50 000 topographical map showing the relative site location.

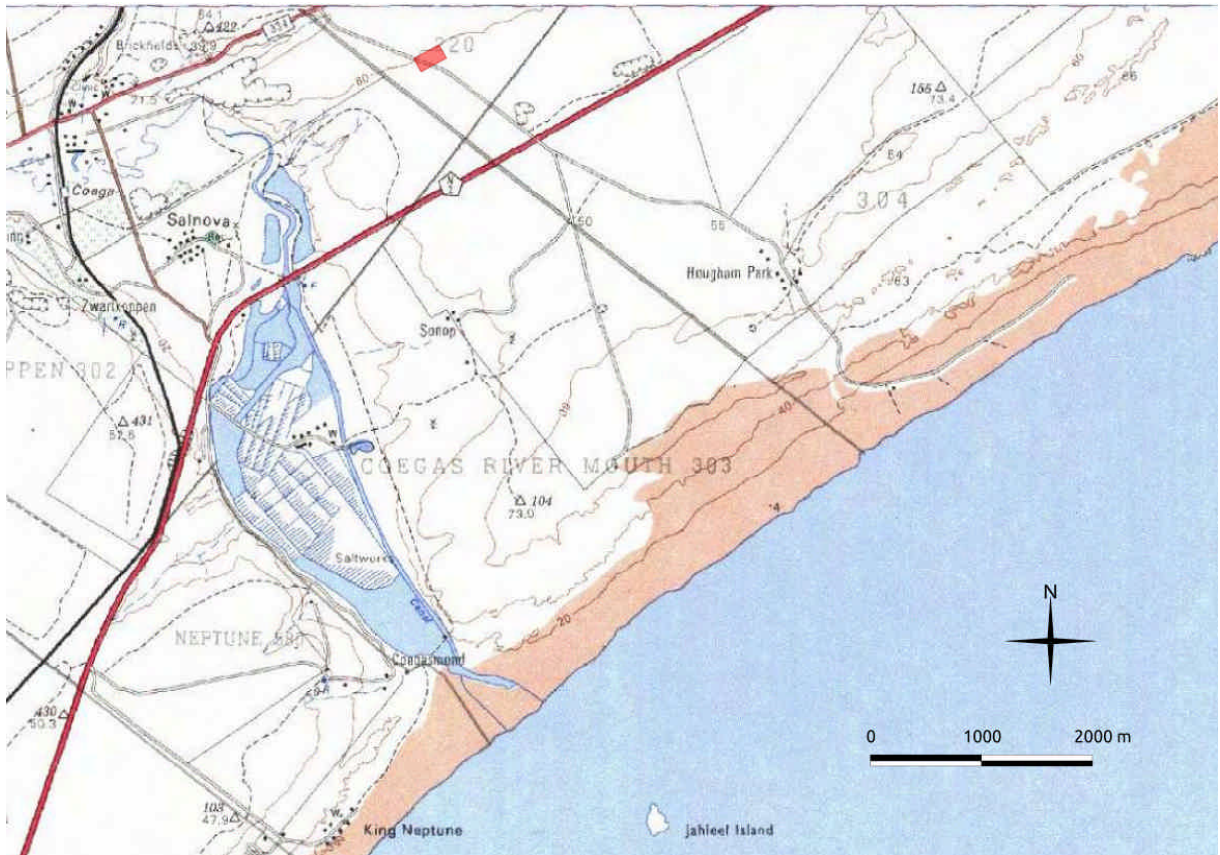


➤ Figure 1: An indication of the location of Zone 6 in relation to the Coega IDZ zonation plan (Source: Coega Development Corporation).





➤ Figure 2: A Google Earth image showing the approximate location of the site (outlined in red).



➤ **Figure 3: An extract from a 1:50 000 topographical map showing the approximate location of the site (in red).**

### **Preliminary List of Listed Activities in Terms of the EIA Regulations**

The Minister of Environmental Affairs and Tourism has in terms of sections 24 and 24D of the National Environmental Management Amendment Act (Act No. 107 of 1998), listed the activities that require an environmental assessment.

In terms of the Environmental Impact Assessment Regulations, 2010, made under section 24(5) of the Act and published in Government Notice R.543 in Government Gazette 33306 of 10 December 2010 the following activities are subject to an assessment.

<b>No. R. 544</b>	<b>10 December 2010 – Listing 1</b>
<b>Activity number</b>	<b>Activity description</b>
9	The construction of facilities or infrastructure exceeding 1000 metres in length for the bulk transportation of water, sewage or storm water - (i) with an internal diameter of 0,36 metres or more; or (ii) with a peak throughput of 120 litres per second or more
23	The transformation of undeveloped, vacant or derelict land to – (ii) residential, retail, commercial, recreational, industrial or institutional use, outside an urban area and where the total area to be transformed is bigger than 1 hectare but less than 20 hectares
<b>No. R. 546</b>	<b>10 December 2010 – Listing 3</b>
<b>Activity number</b>	<b>Activity description</b>
13	The clearance of an area of 1 hectare or more of vegetation where 75% or more of the vegetative cover constitutes indigenous vegetation (a) Critical biodiversity areas and ecological support areas as identified in systematic biodiversity plans adopted by the competent authority

### **Some Identified Issues**

As we progress with the environmental investigations we will identify potentially beneficial and adverse impacts. All identified issues will be subjected to an assessment to determine if they are significant and if they require additional investigation. Based on our preliminary investigations we have identified the following issues:

- ❖ Biodiversity impacts
- ❖ Pollution: noise, air, soil, surface and groundwater
- ❖ Erosion and sedimentation; stormwater management
- ❖ Waste management
- ❖ Socio-economic Impacts
- ❖ Archaeological and paleontological impacts

- ❖ Availability of services
- ❖ Safety issues (e.g. fire and explosions)
- ❖ Visual impacts

## **How Do I Participate**

Every proposed project and / or development has the potential to significantly affect the natural and social environments, both at, as well as surrounding the proposed development site. While some of the impacts will have an adverse impact on the environment others will have a beneficial impact. For this reason it is imperative that you as an interested and / or affected party comment on the proposed development and raise issues or concerns that /you feel need to be considered during the proposed planning and implementation process. This can be done by completing the attached registration form and submitting it to the contact details below.

Upon submission of the registration form to CEN IEM Unit, you will be registered as an I&AP, and be included on an I&APs database which will ensure that you receive future project information.

If you intend to register as an I&AP or forward comments regarding the proposed development, please submit your completed registration form to CEN IEM Unit by 3 September 2012.

## Description of Tasks to be Performed

This BID is being distributed to stakeholders who are directly affected by the application.

- ❖ The DEDEAT and NMBM will be notified that the assessment will be undertaken.
- ❖ All other stakeholders, including the relevant government departments will be notified of the proposed project.
- ❖ Advertisements have been placed under the legal section of *The Herald* and the *Die Burger*.
- ❖ Notice boards advertising the application have been placed on the electronic notice board of the Coega Development Corporation.
- ❖ Once this initial stage of public participation is complete, a Draft Basic Assessment will be compiled and submitted for public comment.

If you intend to register as an I&AP or forward comments regarding the proposed development, please submit your completed registration form to CEN IEM Unit by **3 September 2012**

**Dr Mike Cohen  
CEN IEM Unit  
36 River Road  
Walmer  
Port Elizabeth  
6070**

**[steenbok@aerosat.co.za](mailto:steenbok@aerosat.co.za) (preferred method of contact)**

**Tel: 041 5812983 / Fax: 086 504 2549**





**CEN IEM UNIT**

**36 River Road, Walmer, Port Elizabeth 6070**

**Fax 086 504 2549**

**Email**

**[steenbok@aerosat.co.za](mailto:steenbok@aerosat.co.za)**

**Registration / Comment Sheet**

**Environmental Assessment: Construction and Operation of a  
Devulcanisation Plant**

**24 July 2012**

I wish to register as an Interested and / or Affected Party and request that the following issues receive attention during the assessment process

**Closing Date for Comments: 30 August 2012**

Name of Respondent: \_\_\_\_\_

Organisation / Company: \_\_\_\_\_

Address: \_\_\_\_\_

Fax Number: \_\_\_\_\_

Tel Number: \_\_\_\_\_

Email: \_\_\_\_\_

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Please use additional sheets as necessary

Signature: \_\_\_\_\_

Date: \_\_\_\_\_