2018/02/23



### **Problem Statement on Local Content**

Are we meeting Local Content requirements Our core focus is compliance beyond the declaration, we have gone beyond to develop an integrated bus, which exceeds the requirement both body and chassis as defined. See notes on the iBus product and video on independent engine/power pack. Refer to various delivered projects with various OEM's

How do we ensure suppliers meet local content Requirements??

We audit our suppliers up to materiel sources, we are further developing an Industrial Park, which seeks SEZ status to lower cost of production & logistics. See notes on West City Heavy Commercial Hub

What Supplier Development Initiatives -refer to West City Heavy

### **Problem Statement on Local Content**

contained and South African Local content manufacturer, with a solid funding partnership with IDC, the market seem not ready to accept our role as we have seen the following challenges

- No recognition as 1<sup>st</sup> tier OEM by DTI officials therefore disqualified on any incentive schemes, ranging fro AIS, Black industrialist, MCEP Direct
- Local Content Audit treated as a box ticking form with no monitoring eg SABS delegated to perform audits forces suppliers to pay, therefore impairing the reliance of certificate, with some manufacturers doing false declarations.
- Local procurers not understanding principle of importing or externalising RSA cash reserves, by buying foreign products
- Procurement cylce of BRT buses by Local government value chain fraught with no coordinated planning resulting og Taxl operators funding buses whilst infrastructure delays impact link to manufacturing.

A 19 10	40 YEARS OF BUS MANUFACTURING IN SOUTH AFRICA
Charles	WWW.humach co. ve

### TABLE OF CONTENT

- Beckground on Busmark
   Production Facilities &
- Capacity
  3. Plant Investment in WC

- Growth Path
   West City Commercial Hub (Industrialising)





40 YEARS OF BUS MANUFACTURING IN EQUITH AFRICA

### Background on Busmark

Busmark is a 40 year old bus manufacturing company, based in Johannesburg in Randfontein, Western Cape, represented countrywide with satellite branches, whilst is striving to consolidate its presence in all major provinces, currently targeting KZN as its

The company if historical a family owned business, and now it prides itself as a black empowered entity. Charles Collins, Herman Staude were previously primarily shareholders and Patuxolo Nodada, Manco Trust & Staff Trust are primary shareholders of the business, employing approximately 1400 people countrywide.

We focus on being bus body builder partner of choice to OEM's include Optare, Mercedes Benz South Africa, Hino Trucks SA & Toyota Tausho Africa, Isuzu Trucks SA, Ashok Leyland SA, Scania SA, Volvo SA, MAN, Irisbus/Iveco, UD Trucks , VDL/DAF, with their respective dealership networks.

2017 marks launch of iBus & iBox through RAW & CSIR partnership, tide is changing.



40 YEARS OF BUS MANUFACTURING IN SOUTH AFRICA

### Background on Busmark cont

- · The key features of our business are as follows

We are ISO 9001/2008 Quality standard certified.

- We have capacity to build 200 buses per month.
- Our bodywork is up to 96% local content, complying beyond local content legislations
- We build custom mede vehicles and buses, and also do aftermarket repair and refurblehment to carry a 16 year illecycle
- Our international partnership with the likes of Optare, CAIO & others are focused to transfer technology to our tectories allowing us to localise manufacturing and create jobs directly and indirectly sorces the value chain.
- In our proud 40 year history, we have produced more than 8000 bus bodies for the South African market, which we support on a continuous basis.



40 YEARS OF BUS MANUFACTURING IN SOUTH AFRICA

### **OUR MANUFUCTURING CAPABILITIES**

We currently have operations in Gauteng and Western Cape, in which we have the following dedicated production facilities, with relevant capacities

Flexible Model Plant: 40-50 units per month.

Standard Model Plant 4-09 units per month.

Custom Bulld Plant: 32 working bays & 3 Spray booths, (25 units per month)

Western Cape Plant: 40-50 units per most plants with United Plants and Steel Components Plants, further supported by dedicated sest manufacturing partnership with United Seats.







40 YEARS OF BUE MANUFACTURING IN SOUTH AFRICA

### **OUR QUALITY ASSURANCE**

- · Busmark buses comply to all South African requirements.
- Busmark buses comply to the European quality and safety standard for BUSES ECE 20107.
- · Busmark has adopted a unique Quality management system, which is certified to the ISO9001:2008 international quality standard.



40 YEARS OF BUS MANUFACTURING IN BOUTH AFRICA

### THE BUS VALUE CHAIN



The DEM's/Chassis Sup Mercedes, Scanla, Volvo, Man, Isuzu, VDL, Iveco etc



Dealerships







Repairs, Refurbishments & Service



40 YEARS OF BUS MANUFACTURING IN SOUTH AFRICA

### **OUR PRODUCTS & SERVICES**

We mainly focuses on the following products and services

- City Buses (BRT Low Entry & Low Floor Buses)
- Commuter Buses
- Specialised Buses & Overlanders
- · Repair, Refurbishment and Maintenance of buses
- Sales and distribution of bus parts and components

As defined above our core is to build bus bodies suitable for African market, having studied the local landscape, including customisation according to the client requirements.



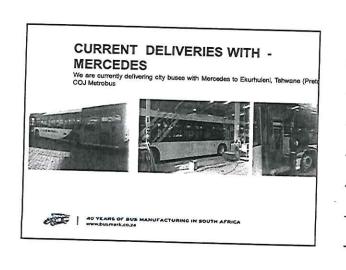
40 YEARS OF BUS MANUFACTURING IN SOUTH AFRICA WWW.DUSINGFACGLE

## SOME OF OUR PRODUCTS 40 YEARS OF BUS MANUFACTURING IN SOUTH AFRICA www.busmerk.co.za

## OUR RECENT BRT / CITY BUS 40 YEARS OF BUS MANUFACTURING IN SOUTH AFRICA WWW.DUSMRTK.CO.20

# CUSTOMISED CLIENT BREIF





### **RECENT DELIVERY - SCANIA**

We are currently delivering the Scanla High Floor buses to City of Cape Town, and we also have articulated buses in production.

These buses launched our new plant in Cape Town, developed under an automotive industrial park concept.









### RECENT DELIVERY - MERCEDES BENZ

We are currently delivering the 68 buses to City of George, with Mercedes Benz buses delivered from our Johannesburg plant







40 YEARS OF BUS MANUFACTURING IN SOUTH AFRICA WHILDUSTHORICOZO

### KTVR (Ekurhuleni)

The launch for the operator was successfully concluded on The IRPTN System Launch is on Wednesday 8th February 2017 at 7:30 a.m., venue is at the Kempton Park Civic Centre.









40 YEARS OF BUS MANUFACTURING IN SOUTH AFRICA

### RECENT DELIVERY - 9M OPTARE (unique bus) We have delivered 221 Optare buses in Cape Town, and these are world class 9m buses, unique to the market, with a combination of Cummins Engine, and unique floor and demountable engine pack. This bus is ideal for city feeder routes.



## BUSMARK CAPE PLANT AT WORK 2014 Busmark is market leader it maintains 40% market share and target more than 50% market share in the future

### 

### **Bus Market Share**

	Busm	ark (	City (	Bus P	rodu	iction	U U S
			Year	THE RU			
District and an artist of the second	2011	2012	2013	2014	2015	2016 YTD	TOTAL
Customer							
Ethekwini	50	30	120	ANSWERING	沙湖道	<b>CLAUDER</b>	80
COCT	1622	109	112	69	37	100-017-16	327
George	30.03(0)	Marie P	TOPS	64	24470	Contract Contract	68
Ekurhuleni	LOGICAL	5598	Charle	J-8900/40	26	MU HOW DO DO	26
TRT (Tshwane)	45.0	JE211-9	135000	SHAPE.	82	D491297804	84
Metro	16:513	70.70	City o	DOM:	50	100	150
Busmark TOTAL	50	139	112	133	199	102	735
Competitors	40	143	134	90	65	2000	472
Total SA Market	90	282	246	223	264	102	1207
Market Share	56%	49%	46%	60%	75%	100%	5236



40 YEARS OF BUS MANUFACTURING IN SOUTH AFRICA

### Market Focus for City Buses/BRT

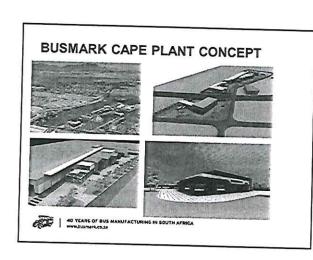
Charles Meanwhile and Sec	Year							
	2017	2018	2019	2020	2021	TOTAL		
Area SET (Resemburg)	- 90	257	151	259	17340	1000		
Exemples	210	2840	265	3 252	1500	7100		
George Municipality	150	A5-6	130	-300	100	730		
Cape Town	250	450	60	26-0	250	176		
TRY (Tahanna)	100	300	400	400	350	1800		
Sea Veya (248)	160	500 -	500	- 500 -	- 300 -	2000		
Nation Monday Boy (PE)	100	250	385	250	300	- 176		
Osna kraini (Dan)	100	700	500	1800	1300	5200		
Moembels	180	\$60	160	100	100	54		
Buffele City	180	250	260	250	460	150		
Mongrany	- 400	540	200	786	250	225		
Meumelusi	- 300	260	100	100	800	166		
Polekupre	380	150	260	309	350	325		
TOTAL	1 9279	4047	4031	4150	3000	2976		

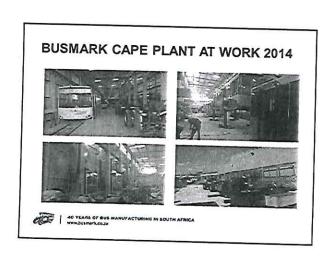
WHYLDUSHARLOZA



## INTRODUCTION BUSMARK PLANT CAPE In 2011 Busmark did not exist in Western Cape, through winning the City of Cape Town project we initially rented a 10,000 sqm factory in Ellesriver, where we assembled the CKD kits of the initial Optare buses, in which we conceptualized an automotive industrial park, which is illustrated below. We created 260 jobs and 442 indirect jobs during all our phases.

40 YEARS OF BUS MANUFACTURING IN SOUTH AFRICA WWW.DUSING/LADZI





### **BUSMARK CAPE PLANT AT WORK 2014**

This plant is a R200 million investment into which we are growing daily as the company is delivering buses for the City of Cape Town, giving us presence in Western Cape, also locating the business for export potential to other countries. We have an existing agreement with Optare to export parts back to the UK>







40 YEARS OF BUG MANUFACTURING IN BOUTH AFRICA WWW.Dusmork.co.ze

### **BUSMARK CAPE PLANT AT WORK 2014**

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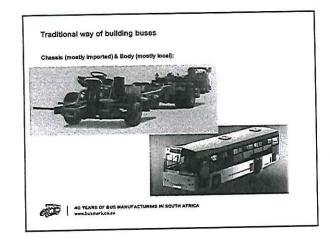


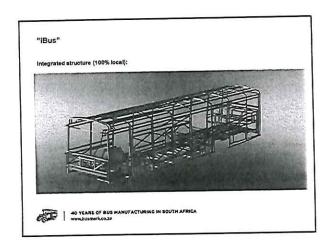


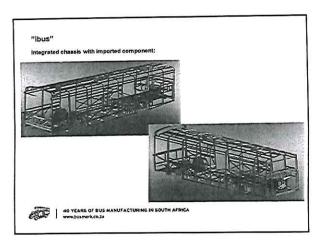
40 YEARS OF BUS MANUFACTURING IN SOUTH AFRICA www.busmark.co.za

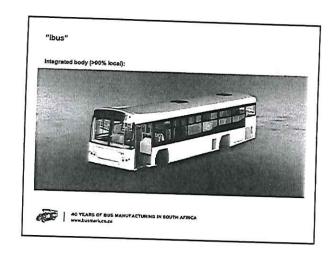


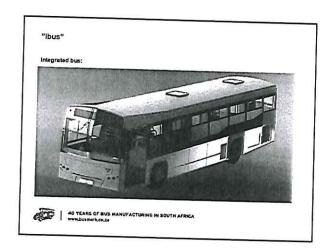
The Market Understanding	7
Sensitive as may be but ask as a	
City Buses (BRT Buses) in few at Busmark we have the right mix of products.	
Commuter Buses     Repair & Maintenance Sendon	C C
Box (New Product)	
<ul> <li>Training &amp; Entreprise Development (New Product)</li> </ul>	
How relevant is it in the market?     The market is rapidly changing, as its highly transforming     Tayl Operators benefit in the property of the proper	
Taxl Operators becoming Bus Owners and funded by DFI og DBSA (TRT & KTVR)     Citles (Durban, City of Cape Town, Tableson, S. C. Martin,	
Private Operators (Golden Arrow University & Coo Metropus)	
Paraelatele (Teamer to Control of	
venils, the market is rapidly changing we have been used being a shadow of major cem's	E .
<ul> <li>Do you have right conditions to sell? Yes, we are the only Black owned entity and only truly South African entery</li> </ul>	
<ul> <li>Do you have a right team in place to sustain your organization? Yes, the Exco is committed, GM</li> </ul>	
transfor to full artisans.	
40 YEARS OF BUS MANUFACTURING IN SOUTH AFRICA	
	45
The Hydrogen Fuel Call D	7
The Hydrogen Fuel Cell Bus Partnership	
94	
(III)	
HySA Systems Western Cape	
Hydrogen South Africa	
CST 1973	
BUSMARK	
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	——————————————————————————————————————
40 YEARS OF BUS MANUFACTURING IN SOUTH AFRICA	
"iBus"	
IDU3	
What is the IBus:	
The iBus is an integrated, intelligent bus.	
Busmark has adopted the latest in world class design and manufacturing philosophies by removing the traditional "chassis and body" and replacing it with an integrated structure, allowing meximum integrity and flexibility.	
This allows us an extremely high degree of flexibility regarding the aboles of	
The 'integrated' bus can be powered by various energy sources or combinations of sources. For example, closed explice potential and a sources.	
sources. For example, closel engine, natural gas or biogas engine, electric & clesel motor with batteries, electric motor & batteries or electric motor & batteries or electric motor & batteries.	
y	

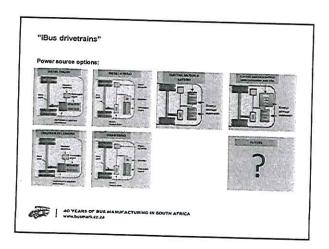


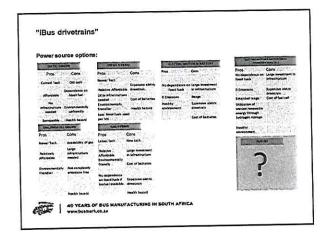










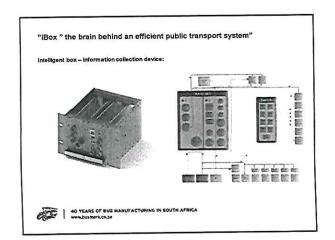


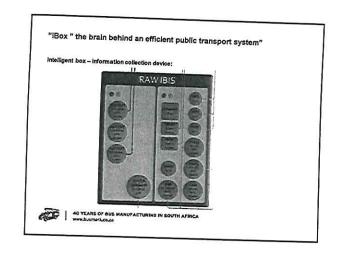
"iBus"

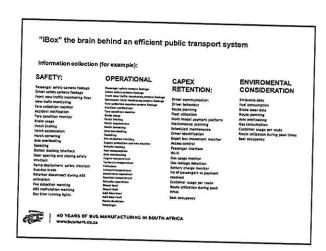
The 'Intelligent' bus comes from the fact that this bus has the capability to gather a
myriad of data and transform these data into useful information. For example, safety
related information, operational information, information to ensure capex retention and to
support environmental considerations and in general to be used in maximizing the
service to the customer.

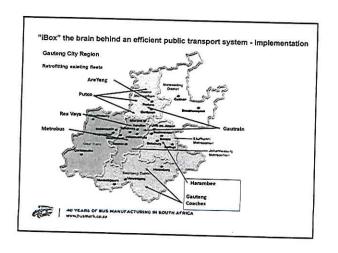


40 YEARS OF BUS MANUFACTURING IN SOUTH AFRICA WHYNDUSHOFICO.28



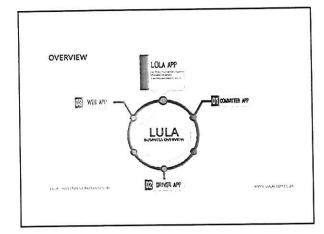


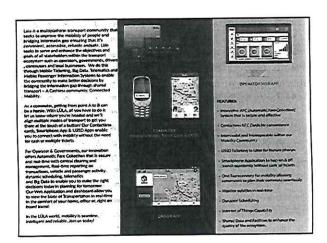




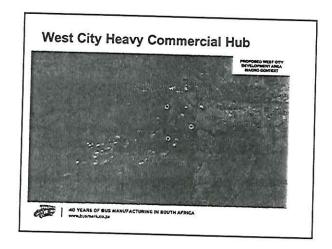
### **Gauteng City Region**

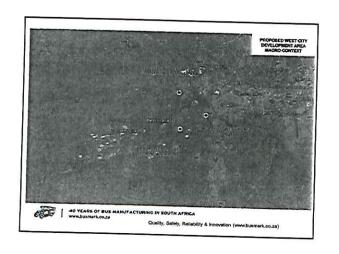




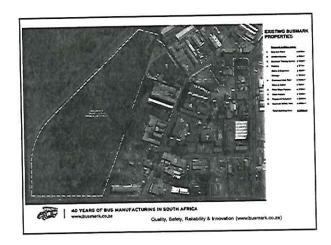


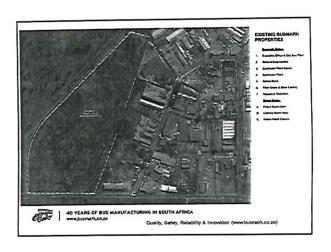


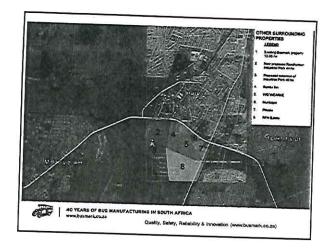


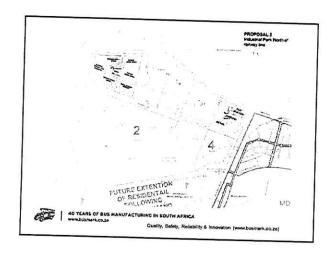


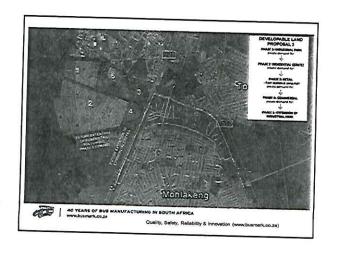


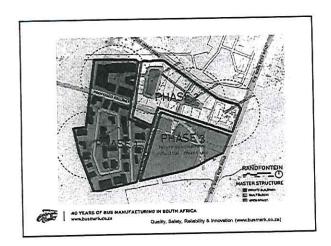


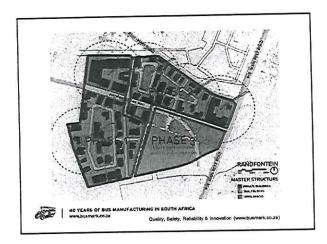


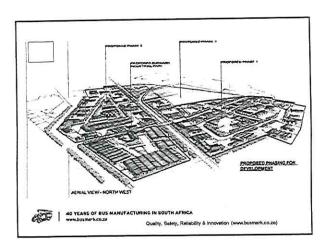


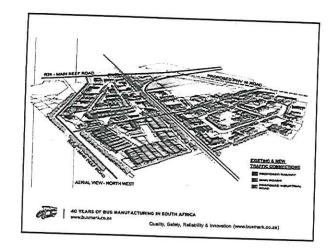














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