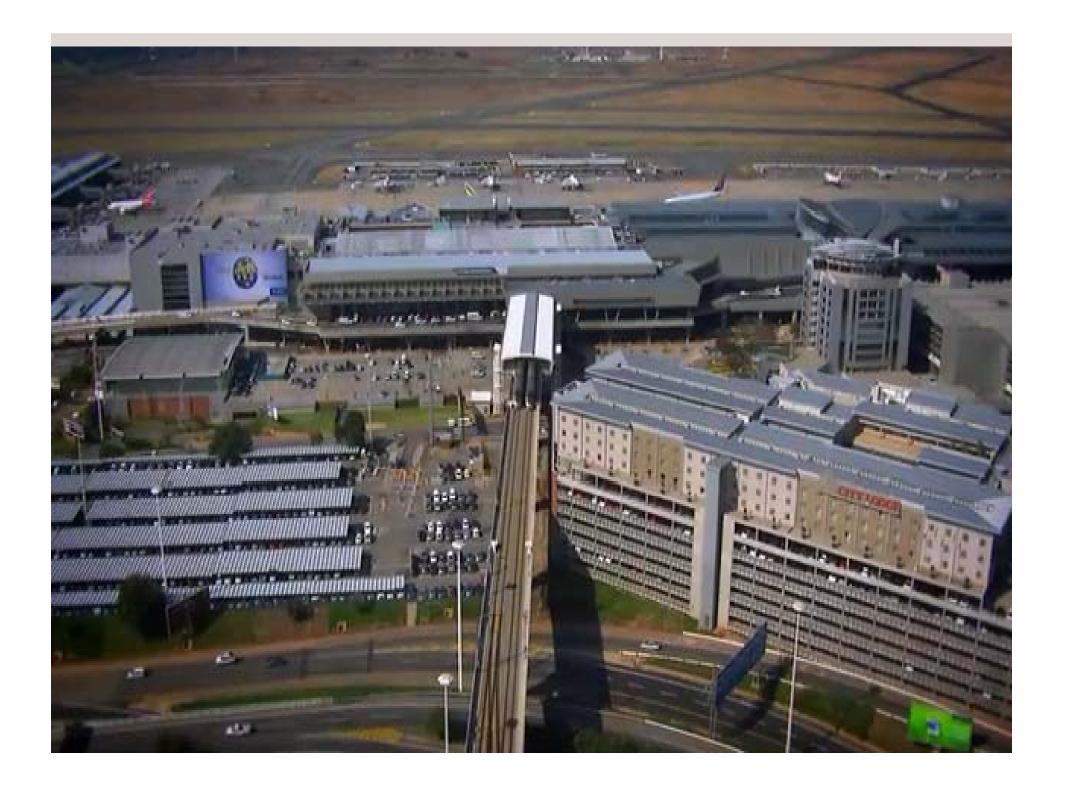


CEO Intelligent Transport Society South Africa Urban Mobility Dialogue, Berlin 13 November 2019



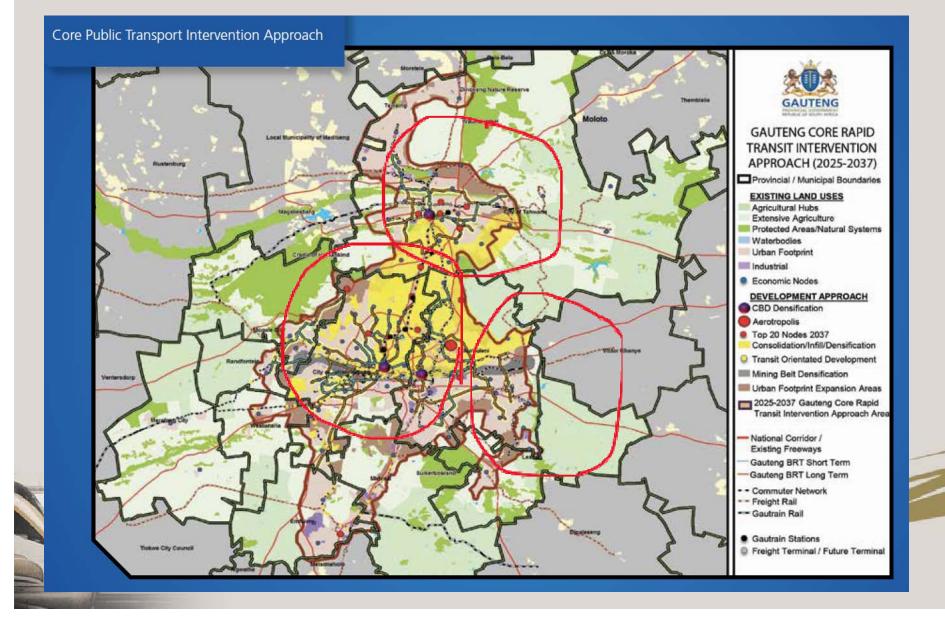


Urban Mobility is NOT about transport, it is about PEOPLE...





Gauteng City Region: 3 Interconnected Cities – 12 million people



ITMP-25

25-year Integrated Transport Master Plan

To facilitate the implementation of the ITMP25, eight mutually supportive strategic interventions were identified. These interventions are arranged into the following four clusters:

- Land Use Development;
- Strategic Public Transport Network;
- Freight Transport; and
- Road Transport.

Collectively, these interventions provide the long-term planning framework to support economic growth; help to create jobs; improve quality of life and reduce the impact on the environment.



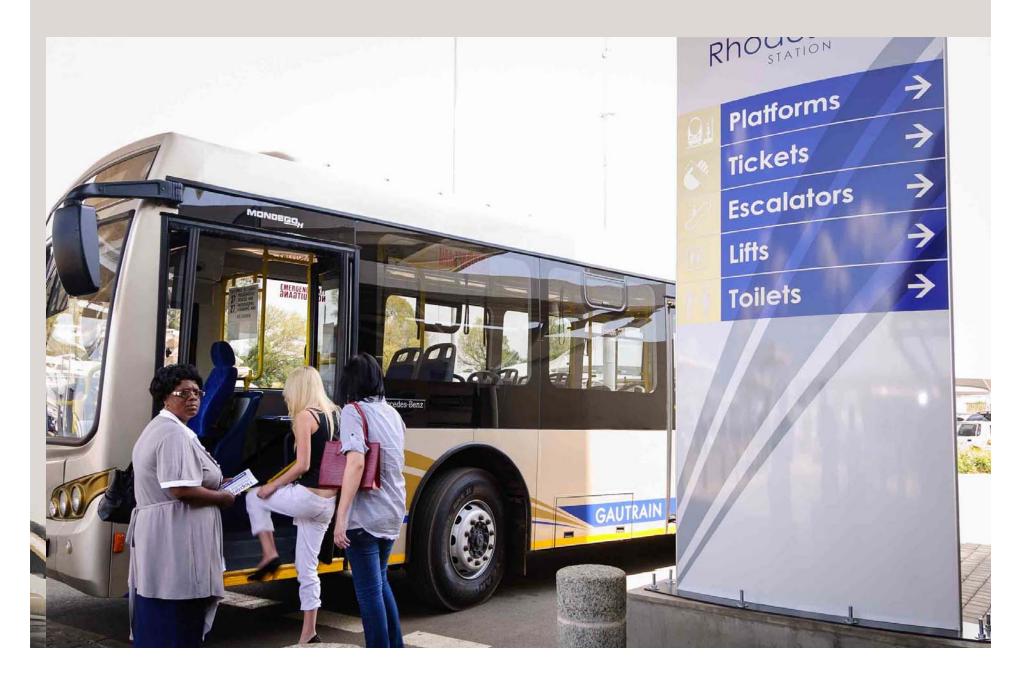
The aim is integrated and seamless mobility from door tot door



Integrated Ticketing



Complementary Feeder Service



Mini-Bus Taxis



Promoting Non-Motorised Transport



BUT: Urban Rail as Backbone



The Need for Change in Gauteng



Gauteng's population will increase to **18.7m** by 2037

Annual **population growth** in Gauteng (+1.7%) is **well above** the SA expected rate

Deep Poverty and Inequality



Gauteng's unemployment rate is **29%**, which is above the SA average Employment in the formal sector has declined to around **77%**

Significant Traffic Congestion

Rapid Population Growth



Peak hour trips on key roads take **70%** longer than during the off-peak lf no improvements are made

average road speeds could deteriorate to **10km/hr** by 2037

Intense Global Competition



The City of Johannesburg is ranked **42nd** out of 44 cities on the Global Power City Index (2018)

Gauteng needs to invest in infrastructure to better compete on the global stage

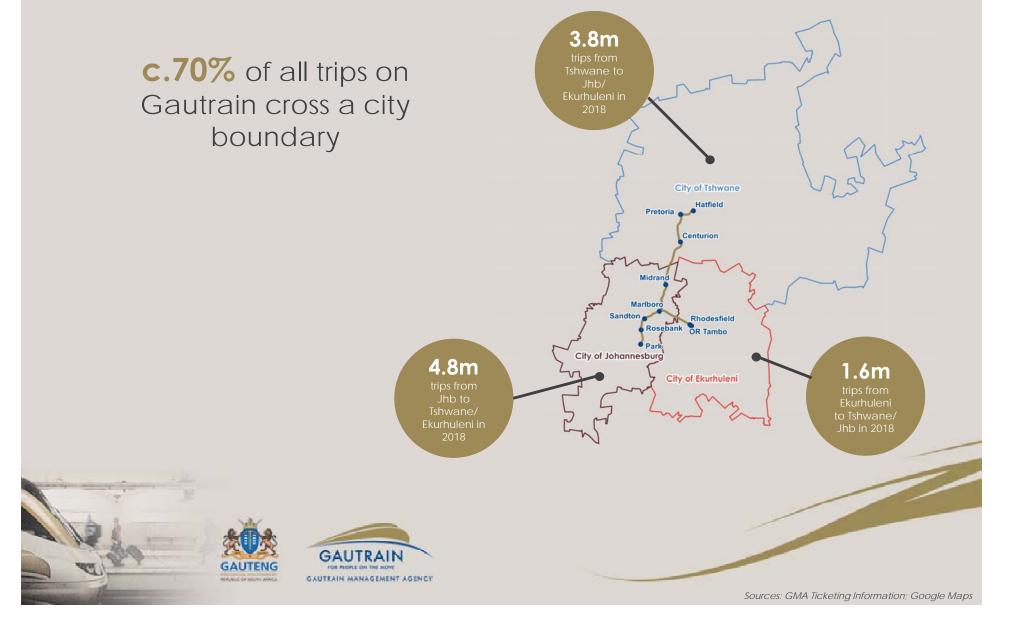




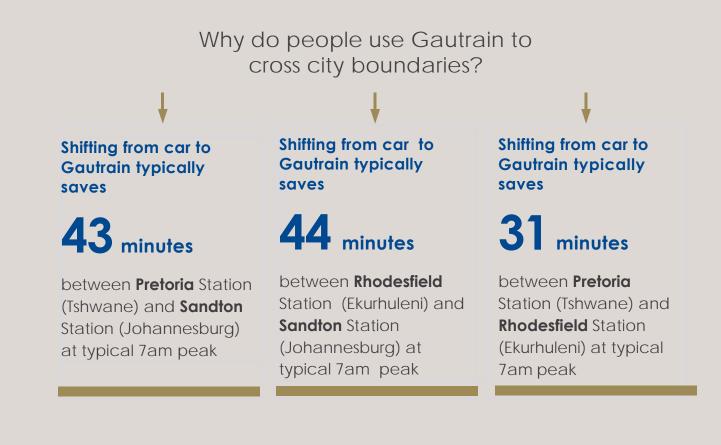
Sources: Various. All sources for this contextual data are listed in Main Report.



Integrating the Region and its Communities



Integrating the Region and its Communities



GAUTENG



Sources: GMA Ticketing Information; Google Maps

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How Gautrain is Delivering Change Five Pillars of Impact



Delivering Jobs and Social Investment



Construction Phase Impacts (Over six years)

- 35,000 direct jobs delivered* and around 87,300 through supply chain and wage spend
- **R128m spent on training** by the Concessionaire and their contractors
- 20,300 direct jobs for young people
- 51% of jobs at the entry level (NFQ 0-1) 13% mid-level (NFQ 2-4)
 - 35% at the higher level (NFQ 4+)
 - R19.4bn contribution to GDP over 6 years





Operational Impacts (Over six years)

- 10,900 direct jobs delivered* and around 61,000 through supply chain and wage spend
- **R59m spent on training** by the Concessionaire to date
- 5,800 direct jobs for young people
- 93% of jobs are mid-level roles (NFQ 2-4)
 7% are at the higher level (NFQ 4+)
- R20.4bn contribution to GDP over first 6 years

*1 job = 1 full year of employment

Sources: Seriti; Hatch Calculations; Bombela Operating Company; Stats SA; CIDB; KPMG

Average length of employment at Gautrain

= 5.75 years

Average length of employment in South Africa = 4 years

Influencing Transport Choices

Gautrain represents a new era in public transport Quality of service rating (Max score = 10) 10 8.76 8.71 8.54 ę 8.23 7.88 8 6.57 7 6.12 6 4.77 5 4 3 2 1 0 Gathoin aindie cat waiters E. takets NOTION 815 A 87% of Gauteng residents think that Gautrain is a good idea

 Each person who has chosen to make a trip on the Gautrain instead of in a car has delivered...

R74 of economic benefit per
tripImage: Reduced costs from fatal accidentsImage: Cost of the cost of the

Sources: GMA Market Segmentation Report; GMA Perceptions Survey; Hatch Calculations



Reinforcing Development Nodes

Since 2010...



+1,656,000 sqm more commercial space around stations since 2010

87% occupancy rates in new commercial space which supports around 66,000 jobs



Sources: GeoTerra; Lightstone; Homes and Communities Agency Employment; SAPOA; Hatch Calculations

Changing Perceptions and Attracting Investment

↑ Foreign Direct Investment

↑ Conferences

Over **R44bn** of FDI into Gauteng in 2016

Over **80** conference centres in Gauteng

This is the highest recorded since 2003 The number is growing annually

Johannesburg was the **2nd** highest recipient of FDI in Africa between 2013-16



3 of the largest 5

conference centres are within **3km** of Gautrain stations



↑ Visitors

Over **4.3m** visitors came to Gauteng in 2016

The number is growing annually

45% of South Africa's tourism income generated in Gauteng



Creating Jobs in Development Nodes near Townships



Alexandra and Sandton/Marlboro

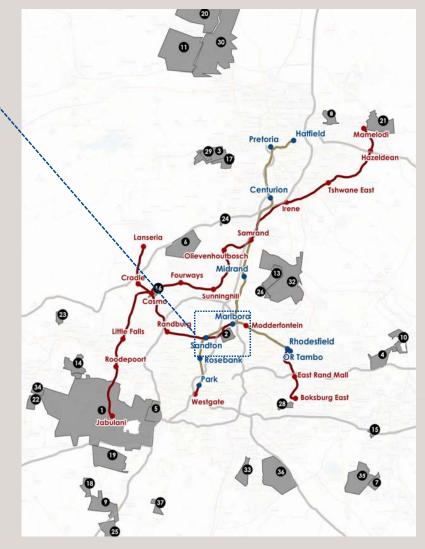
Alexandra residents can easily access Marlboro and Sandton (via the Grayston Pedestrian Bridge)

Commercial floorspace around these stations has grown by **506,000 sqm** since 2012

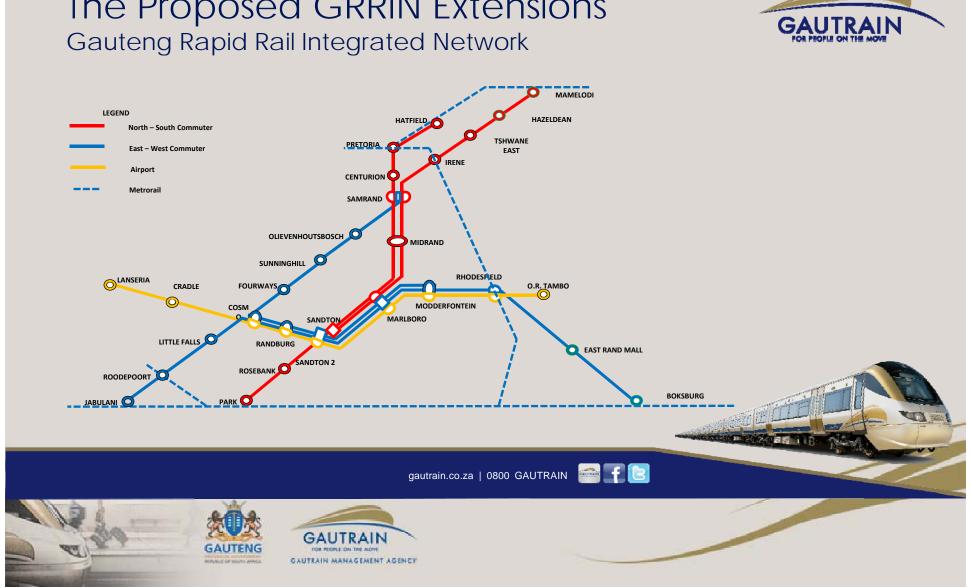
A proportion of new jobs are taken by people from Alexandra – E.g.

- Around **50%** of staff at Radison Blu Gautrain live in Alexandra
- Around 40% of staff at Saint restaurant and bar live in Alexandra





Sources: GeoTerra; Hatch Research



The Proposed GRRIN Extensions







Thank you for your attention!

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