Nelson Mandela Bay
Are we ready for 2010?
are we ready for 2010?

Preparations for 2010 Fifa Soccer World Cup™

- Site selection and Preliminary Design of the Soccer Stadium
- Preparation of Integrated Public Transport Plans
  - City wide plan
  - 2010 Event Plan
- Khulani Corridor: Public Transport Demonstration Project
- Public Transport Infrastructure Fund Implementation Projects

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Stadium Site Selection

Motherwell

Prince Alfred’s Park

Stadium Locality

MAP OF PORT ELIZABETH NTS
SWC Bid Book Requirements for Stadium

- VIP Parking
- VIP Hospitality
- Media
- Stadium internal area
- Public Parking
- Internal turnstiles
- Medical
- Emergency vehicles
- Security
- Search perimeter
- Traffic warning zone

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Soccer Stadium Site Feasibility Study

Final Outcome of Site Evaluation

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Soccer Stadium Preliminary Design

Proposed Stadium:
- 50 000 Seats (10 000 temporary)
- Estimated Cost: R711 million
- Preliminary Design completed
- First tenders advertised

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Public Transport Plan 2006-2010

Current Status of PTP:
- Planning phase completed
- Consultation in progress
- Approval process pending
- Implementation phase - 2006 - 2010
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Public Transport Plan 2006-2010

Travel Survey - 2004

Current travel patterns
- 3 000 households
- VISUM Transport Model
- Corridor Identification

nelson mandela bay
MUNICIPALITY
PORT ELIZABETH | UITENHAGE | DESPATCH
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Public Transport Plan 2006-2010

Passenger flows:
- VISUM Model Output
- long term development
- Primary Transport Corridors

Uitenhage
Motherwell
Coega
Khulani Corridor
Stadium
CBD
Port Elizabeth
Public Transport Plan 2006-2010

Long Term Public Transport Strategy

Rail as backbone... .....or....... ..bus as backbone

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Public Transport Plan 2006-2010

Public Transport Scenario Analyses

Scenario A: Minimum Intervention

Scenario B: Trunk Bus Routes + local bus and taxi

Scenario C: Expanded Rail Operation to Motherwell and bus system for other areas

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Public Transport Plan 2006-2010

Number of boarding passengers per day year 2020

<table>
<thead>
<tr>
<th>Scenario</th>
<th>A</th>
<th>B</th>
<th>C</th>
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<tbody>
<tr>
<td>Trunk bus</td>
<td>0</td>
<td>440 000</td>
<td>390 000</td>
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<tr>
<td>Local bus</td>
<td>660 000</td>
<td>540 000</td>
<td>530 000</td>
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<td>Taxi</td>
<td>325 000</td>
<td>120 000</td>
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<td>Rail</td>
<td>25 000</td>
<td>0</td>
<td>30 000</td>
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Analysis Results

Existing Bus & Minibus
Trunk Bus & Minibus
Trunk Bus, Minibus, Rail

Small increase in rail use

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"A trunk bus network will form the base of the future public transport system up to 2020"

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Public Transport Plan 2006-2010
First Phase Implementation

Passenger Flows: long term

Trunk Route Development 2006-2010

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Public Transport Plan 2006-2010

Interim Conclusions

- Trunk bus route corridors, local bus and taxi services – most appropriate up to 2020
- Commuter rail will not attract enough passengers to justify a heavy rail investment before 2020
- The Khulani Corridor will be the backbone of the future public transport system
- Extensive development of Coega is needed to justify new railway lines in the long term

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Khulani Corridor Public Transport Project

Current Status:
- Preliminary Planning phase completed
- Consultation in progress
- Detailed planning in progress
- Approval process pending
- Implementation phase 2007 - 2008

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Khulani Corridor - New Public Transport System

Planning Principles:
- First Phase of Long Term PT Strategy
- Multi-modal system
- Contracted services
- Integrated line haul and feeder services

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Khulani Corridor - New Public Transport System

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Korsten Modal Interchange

New Soccer Stadium

New Brighton

CBD

Njoli Square Modal Interchange

Motherwell Modal Interchange
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Public Transport Infrastructure Fund

Strategy for Funding Application
• Public Transport Plan – provides the overall strategy
• Focus on PT Corridors
  – Khulani Corridor
  – Stanford Road Corridor
  – Uitenhage Road Corridor
• Projects:
  – Public Transport Infrastructure
  – Non-motorised transport
  – Facilities for disabled
  – Transport Demand Management
• Projects that will leave a legacy beyond 2010
Phase 1 (2005/06) : R53.65 M  
(Approved)
Phase 2 (2006/07) : R68.60 M  
(Approved)
Phase 3 (2007/08) : R390.00 M  
(Application)
Total : R512.25 M

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### Public Transport Infrastructure Fund

#### Approved Public Transport Projects: Phase 1

<table>
<thead>
<tr>
<th>No</th>
<th>Project</th>
<th>Description</th>
<th>Cost (R–M)</th>
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<tbody>
<tr>
<td>1</td>
<td>Public Transport Operational Plan</td>
<td>Pilot service operational planning</td>
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<td>2</td>
<td>Modal Interchanges</td>
<td>New Interchanges at Korsten, Njoli</td>
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<td>3</td>
<td>Public Transport Corridor Upgrading</td>
<td>Lighting and Shelters</td>
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<td>4</td>
<td>NMT Facilities</td>
<td>Sidewalks</td>
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<td>5</td>
<td>Public Transport Road Upgrading</td>
<td>Rehab and widening for PT routes (Diaz, Perl and Kempston Roads)</td>
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<td>6</td>
<td>Travel Demand Management</td>
<td>Signals, CCTV and PT priority</td>
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<td>7</td>
<td>Low Floor Buses</td>
<td>Demo. Buses for Pilot in Khulani Corridor</td>
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<td><strong>TOTAL (Phase 1 – PTIF)</strong></td>
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### Public Transport Infrastructure Fund

#### Approved Public Transport Projects: Phase 2

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<td>Bus Lanes on Corridors</td>
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<td>NMT Facilities</td>
<td>Sidewalks and Pedestrian Bridges</td>
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<td>Rehab and widening for PT route (Sheya Kulati, Matomela, Seyisi Roads)</td>
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<td>Facilities for Disabled</td>
<td>Sidewalks and Ramps</td>
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<table>
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<th>No</th>
<th>Project</th>
<th>Description</th>
<th>Cost (R–M)</th>
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<tbody>
<tr>
<td>1</td>
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<td>2</td>
<td>Public Transport Corridor Upgrading</td>
<td>Bus Lanes on Corridors</td>
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<td>Sidewalks</td>
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<td>4</td>
<td>Facilities for Disabled</td>
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<td>5</td>
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<td>6</td>
<td>Travel Demand Management</td>
<td>Signals, CCTV and PT priority</td>
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<td>TOTAL (Phase 3 Application – PTIF)</td>
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PTIF Projects: Phase 1

- Khulani PT System Operational Plan
- Modal Interchanges
- PT Road Upgrading
- Lighting and Shelters
- Sidewalks
- Transport Demand Management
PTIF Projects: Phase 2

- PT Corridor Upgrading
- PT Road Upgrading
- Sidewalks and ramps
- Pedestrian bridges

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PTIF Projects: Phase 3

- Modal Interchanges
- PT Corridor Upgrading
- PT Road Upgrading
- Sidewalks and ramps
- Travel Demand Management

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2010: Public Transport Infrastructure Fund - Projects

Khulani Corridor: Public Transport Operation Planning

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2010: Public Transport Infrastructure Fund - Projects

Modal Interchanges: Korsten

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2010: Public Transport Infrastructure Fund - Projects

Modal Interchanges: Njoli Square

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2010: Public Transport Infrastructure Fund - Projects

Bus Stops: Lighting and Shelters
Khulani Corridor - New Public Transport System

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Khulani Corridor - New Public Transport System

Kempston Road Rehabilitation

Bus Lanes

Public Transport Road Construction

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2010: Public Transport Infrastructure Fund - Projects

Non Motorised Transport: Sidewalks / Cycle Tracks
Khulani Corridor - New Public Transport System

Upgrading of Urban Traffic Control System
• New Traffic Signals
• Bus Priority
• CCTV: Screens and cameras

Travel Demand Management

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Conclusions

- Stadium design and procurement process has commenced – completion 08/09
- Integrated Public Transport Plan completed – implementation by 2010
- Khulani public transport corridor planning commenced for first phase PT contracts by 2008
- PTIF funding allocated and implementation of projects has commenced – R122.25 mill approved
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Thank You

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