REGIONS & CITIES

Europe October 2017 – Brussels
South African Context

Smallest province and most populated province

Land area 18,176 km²
Population ~ 13 200 300 (2015)
The Gauteng City Region includes a cluster of cities, towns and urban nodes. It incorporates the Gauteng province in its entirety, with its three large metropolitan municipalities and a range of smaller urban centres across and beyond the province to create an almost continuous urban agglomeration.

While it has no official border, and does not benefit from the support of dedicated administrative or political agents, it represents a coherent economic and geographic space within which regional competitiveness may be harnessed.

EMM is favourably located in the Economic Activity and Employment Area of the Gauteng Province.
Growth and Development Strategy 2055

ENVIRONMENTAL WELLBEING
- Re-generate
- Sustainable Resource Use
- Biodiversity and Ecosystems Management
- Improved Environmental Governance
- Sustainable Agriculture

SOCIAL EMPOWERMENT
- Re-mobilise
- Social Care Supply Chains Management
- Capabilities Development
- Responsive and Active Citizenry

JOB CREATING ECONOMIC GROWTH
- Re-industrialise
  - Strengthened Industrial Competiveness
  - Industrial Systems and Infrastructure
  - Market and Product Development
  - New Value Chains Development

URBAN INTEGRATION
- Re-urbanise
  - EMM Gauteng City Regional Integration
  - Sustainable Settlements and Infrastructure
  - Connected Working and Living Spaces

EFFECTIVE COOPERATIVE GOVERNANCE
- Re-govern
  - Building a Capable Local City State
  - Strengthen Developmental Governance
  - Establish Long Term Fiscal Strength
  - Strategic Acquisition and Management of Assets and Operations

Delivering City
Capable City
Sustainable City

Theory of Change/MSDF 2015
2055
Transitions

DELIVERING CITY
2016 – 2021
Well managed, resourced, financially sustainable globally
Competitive service delivery

CAPABLE CITY
2021– 2026
Inclusive industrial economy
Meaningful reduction of unemployment and poverty

SUSTAINABLE CITY
2026– 2032
Clean, green and sustainable African manufacturing complex and city development network
City of Ekurhuleni at glance

9 TOWNS

17 TOWNSHIPS

8000 INDUSTRIES

3.1 MILLION PEOPLE
# STATUS QUO: VITAL STATISTICS

<table>
<thead>
<tr>
<th></th>
<th>2011</th>
<th>2015</th>
<th>2025</th>
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<tbody>
<tr>
<td>Population</td>
<td>3 178 470</td>
<td>3 358 474</td>
<td>3 687 961</td>
</tr>
<tr>
<td>Total area</td>
<td>197 549ha</td>
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<tr>
<td>Urban area</td>
<td>41 934ha</td>
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<tr>
<td>Agricultural area</td>
<td>97 540ha</td>
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<tr>
<td>Open space area</td>
<td>9 596ha</td>
<td></td>
<td></td>
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<tr>
<td>Roads and road reserves</td>
<td>48 479ha</td>
<td></td>
<td></td>
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<tr>
<td><strong>Capacity for growth</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Number of people in present urban structure @ 20% densification ratio</td>
<td>4 030 167</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Number of people in Greenfields developments @ 20u/ha (gross)</td>
<td></td>
<td>2 071 854</td>
<td></td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td></td>
<td></td>
<td>6 102 021 people</td>
</tr>
</tbody>
</table>
• Permanent urban boundary
• Functional planning / management regions
• Planning to lead decision making
• Lesedi consolidation
• Growth Management Strategy
• Land acquisition (inter-governmental land)

Agricultural Green Belt as Urban Edge

Lesedi

Regions
Open space system
DEVELOPMENT CONCEPT

5km, 10km and 15km radius

- Metro core
- Core support zone (nodes and corridors)
- Urban support zone
- Rural / agricultural zone
What does the Ekurhuleni Urban Design Initiative involve?

**URBAN DESIGN POLICY**

Prepare an Urban Design Policy to guide public and private development within the city.

**URBAN DESIGN PRECINCT PLANS**

Prepare a series of Urban Design Precinct Plans to provide local spatial policy guidance in terms of the policy in key development areas.

**URBAN DESIGN ADVISORY COMMITTEE**

Establish an Urban Design Advisory Panel to assess development proposals in terms of the policy.
Urban Design Precinct Plans Formulated To Date

- Thelle Mogoerane Hospital
- Dries Niemandt
- Kempton Park CBD
- Bredell
- Germiston Lake
- Mining Belt
- Primrose
- Dunnotar
- Benoni CBD
- Wattville-Leeupan

Formulated during 2014-15
Formulated during 2015-16
Formulated during 2016-17
CoE Aerotropolis

- 18 Billion euros of pipeline investment.

- City Of Ekurhuleni with an operating Budget of 2.2 billion euros for 17/18 financial year

- 10 MW of renewable energy by 2021
AERAO TROPOLIS ECONOMIC OPPORTUNITIES

Target Industries & Sectors

Aerospace Manufacturing & Aviation
Professional Services & Public Administration
Logistics & Distribution
Manufacturing & High Tech
Health & Life Sciences
Agri-Business & Food Processing
Natural Resources & Energy
Education & Skills Training
Tourism & Culture
Retail

Produce & Export
Transshipment
Value Add
Service Provider
Import & Distribute

Produce & Export
Transshipment
Value Add
Service Provider
Import & Distribute
7. **INVESTMENT THAT SUPPORTS CITY GROWTH**

- Setting aside land until the market is ready protects strategic developments and Catalyst Projects.
- Upgraded elementary and high schools at Rhodesfield using developer fees strengthens the local community.
- Shared construction costs among multiple developments for shared parking facilities makes for efficient land use.

5. **POLYCENTRIC CITY LINKED TO REGIONAL CENTRES**

- Catalyst Projects integrated into the city and street environment enhances their economic and social impact.
- Walkable streetscape environments with office and housing over retail builds an economically integrated city.
- A circular bus paired with bicycle parking makes each Hub accessible on foot most anywhere in the aerotropolis core.

4. **ENVIRONMENTAL RESILIENCE**

- The Gautrain/Metrorail at Rhodesfield is an opportunity for a dense professional center with global access.
- Precinct Plans for key sites include an open space network that enhances development and ecological value.
- Detailed private-realm development standards ensure shaded liveable spaces that extend the public realm.

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**LAND USE STRATEGIZATION**

1. Setting aside land until the market is ready protects strategic developments and Catalyst Projects.
2. Upgraded elementary and high schools at Rhodesfield using developer fees strengthens the local community.
3. Shared construction costs among multiple developments for shared parking facilities makes for efficient land use.

**AEROTROPOLIS AS PEDESTRIAN CITY**

4. Catalyst Projects integrated into the city and street environment enhances their economic and social impact.
5. Walkable streetscape environments with office and housing over retail builds an economically integrated city.
6. A circular bus paired with bicycle parking makes each Hub accessible on foot most anywhere in the aerotropolis core.

**PUBLIC AND PRIVATE REALM INTEGRATION**

7. The Gautrain/Metrorail at Rhodesfield is an opportunity for a dense professional center with global access.
8. Precinct Plans for key sites include an open space network that enhances development and ecological value.
9. Detailed private-realm development standards ensure shaded liveable spaces that extend the public realm.
City of Ekurhuleni
Spatial Development Framework
World Cities Cooperation – 1st Step
VISIT OF GRAZ (MARCH 2017)

Focus of the programme:

1) Aerotropolis
2) BRT / Transport / Mobility
3) O.R. Tambo Narrative Centre as a chance to revitalise a peri-urban area
4) Green Areas at Germistin Lake
Defined areas of cooperation (mission next week)

**Green Tech Cluster Styria:**
The Green Tech Valley, located in Styria, is a global hot spot for innovative energy and environmental technologies. It supports Graz in various smart city projects and initiatives. Graz has offered to assist the City of Ekurhuleni in various emerging city planning projects.

**Regional Management:**
Development of instruments and measurement tools for a joint regional management system, focusing on the creation of employment opportunities, mobility and inter-communal collaboration in Ekurhuleni.

**Municipal Spatial Development:**
Collaboration regarding the establishment of “ECOPROFIT”, a comprehensive environmental management system that promotes environmental management and business development. It is aimed at analyzing and optimizing companies regarding their environmental footprint.
Thank You

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