



"We will embark on and lay the basis for a Master Spatial Plan for Human Settlements so that we can direct all the necessary amenities to where human settlements are and we are able to plan ahead for the provision of the necessary infrastructure and amenities."

Ministry of Human Settlements Budget Vote Speech by Honourable Lindiwe Sisulu 15 July 2014

National department of Human Settlements
Concept Note: Master Spatial Plan
JULY 2014

#### **Contents**





The Master Spatial Plan *for Human Settlements* should confirm and indicate the following:

- Principles of spatial targeting;
- Criteria for investment;
- Identification and mapping of broad investment areas as per the criteria;
- Identification of land available in most suitable locations, both public and private;
- A list of projects which will form part of catalytic projects.
  - Mining towns can form part of the catalytic projects which are defined as projects which generate further investment and sustainability of the areas in which they are situated.

Mintop Minutes: 21st July 2014

#### Alignment between BNG, NDP and the MSP





- The development of sustainable human settlements
  must be undertaken within a broader spatial restructuring
  framework, incorporating the principles of the National
  Spatial Development Plan, and the National Urban
  Strategy.
- Breaking New Ground asks for greater coordination and alignment of various planning instruments and economic policies.
  - This requires more than co-ordination between departments,
  - but instead suggests the need to develop a single overarching planning capability.
- Aligned with the National Development Plan bringing a focus through the Strategic Integrated Projects (SIP's), creating collaborative investment.

# Purpose of the Master Spatial Plan For Human Settlements



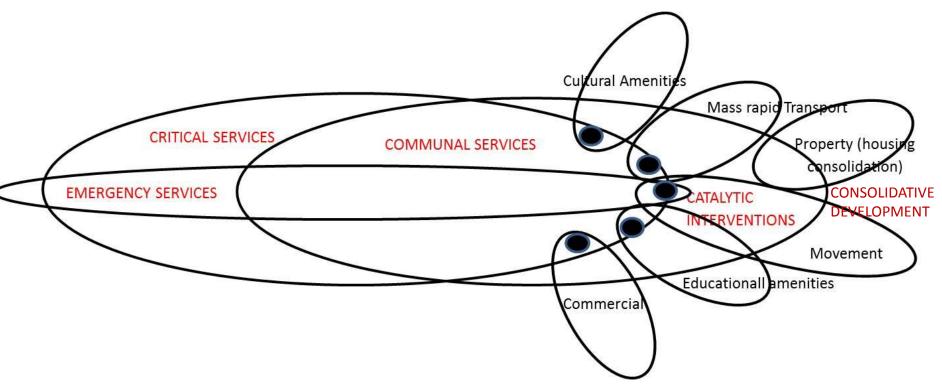


- Create a spatial framework to guide investment by all state departments and state owned companies and specifically the Human Settlements Sector
- Provide a framework for investment by various private sector actors in the human settlements environment;
- Achieve a creative balance between spatial equity, economic competitiveness and environmental sustainability so as to overcome the legacy of apartheid spatial planning;
- Support the process and guide spatial planning for local and provincial authorities
- Provide guidance to the implementation of all MTSF targets in alignment with a spatial plan and approval of projects
- Provide guidance to the Implementation of strategically chosen catalytic interventions to achieve spatial transformation

# What can be considered as Catalytic Initiatives







- Catalytic projects can be range from mega scale inclusionary neighbourhoods to seemingly small but high impact interventions.
- The underlying principle of all of these is that they are all spatially targeted interventions whose main objective is to
  - intervene to deliberately restructure settlement patterns and
  - create impact on the environment.

### **Spatial principles**





A review of the legislative framework has resulted in a number of common spatial *principles against* which all spatial development should conform.

These are guided by *spatial targeting* principles to lessen the effect of apartheid in the market mechanisms and macroeconomic policies would continue to wide the developmental gap the poor and the rest of the residents in our cities.

### **Principles for spatial development**





A review of the legislative framework, in particular the NDP2030 and Spatial Planning and Land Use Management Act, has resulted in a number of common spatial principles, against which all spatial development should conform:

- Spatial Justice e.g. integration
- Spatial Sustainability e.g. location, access to employment opportunities, relationship to environment
- Spatial Resilience e.g. mixed use, incremental development
- Spatial Quality e.g. diversity and choice
- Spatial Efficiency e.g. optimal use of limited resources
- Good administration (SPLUMA) e.g. institutional arrangements

### **Principles of spatial targeting**





\*UN-Habitat Sustainable Development Goals

#### COMPACT\*

- Definition of extent of intervention
- Increased density in urban areas = viable public transport settlements
- Increased land values

#### **CONNECT\***

- Deliberately restructured settlement patterns = spatially transformed settlements
- Pedestrian and nonmotorised prioritised environments = energy efficient settlements
- Transit orientated development

#### INTEGRATE\*

- Appropriate settlements typology in rural areas
- Mixed use environments = whole neighbourhood or villages
- Diversity and choice in housing options = freedom of movement
- Natural environment constraints and opportunities (climate, topographic features, conservation
- Political objectives

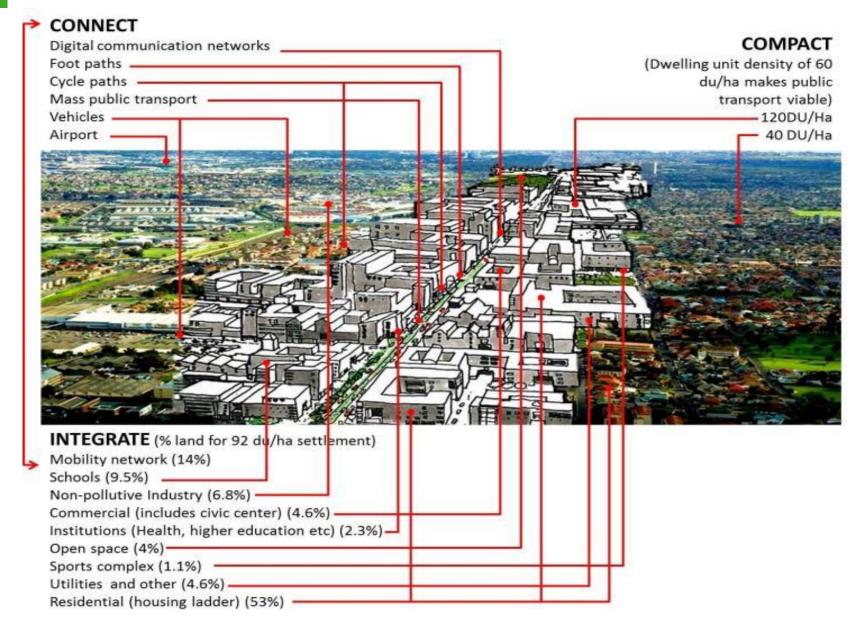
Creating an understanding on:

Where, Customised solutions (design) and Collaborative Investments...

## Meeting Sustainable Development Goals







# Criteria for prioritisation of human settlements





In order to prioritise the following aspects are taken into consideration and balanced according to the strategic objective:

- Type of contribution of the settlement to SA economy
- Government plans and objectives to be met (NDP)
- Growth (increasing or declining) economic and population (respond to urbanisation, curtail decline)
- Demographic profile and quantity
- Extent of the difference between supply and demand for adequate housing (housing need)
- Settlement type (municipal category)
- Housing challenge to be addressed as per local area
- Locality (related to mobility networks at various scales)
- Existing capacity (infrastructural and social amenities other)
- Level of deprivation
- Critical mass for impact

### Evaluation of projects to be based on:





### **Principles**

Compact

Connect

Integrate

## Criteria (impact)

- Participation in the Economy
- Using NDP objectives
- Demographic profile

- · Supply and demand
- Built environment capacity
- · Changes in deprivation profile

## Criteria (Integration)

Regional critical mass

Consideration of existing context and capacity

Technical verification of locality

Growth and contribution to economy

Solution specific through settlement type

## **Impact criteria**





Supply and Demand	Built Environment capacity	Demographic profile and quantities	Participation in the Economy	Changes in deprivation profile
Access to secure tenure	Protect agricultural land and conservation areas	Trends analyses on status quo and future developments	Ensure viable communities	Address the inclusion of HDI and areas of deprivation
Increase diversity	Build in redundancy		Ensure sustainable livelihoods	·
Provide housing options	Ensure pedestrian prioritised environments			
Promote appropriate density	Comply to appropriate norms and standards			
Efficient and streamlined development application procedures				

## **Integration criteria**





Technical verification of	Solution specific through settlement	Growth and contribution to	Regional critical mass	Consideration of existing context
locality	type	economy		and capacity
Include spatial	Ensure Incremental	Improved access to	Create liveable,	Optimise existing
planning	upgrading	use of land	vibrant and	resources and
mechanisms			valued places	infrastructure
(SDF's +)				
Environmental	Promote sustainable	Optimise land	Adhere to	Mobility
integration and	development and	development viz	timeframes	networks
responsiveness	limit urban sprawl	fiscal, institutional		
		and admin means		
Access to	Allow flexibility in	Stimulate effective	Promote citizen	
economic, social	spatial plans and	and equitable	participation	
and cultural	policies	functioning of land	and	
amenities		markets	empowerment	
	Ensure cross-sectoral	Shared and		
	initiatives and	distributed		
	collaborative funding	decision-making		
		on financial, social,		
		economic and		
		environmenal		
		impacts		







### **Basis for Spatial Prioritisation**





Spatial prioritisation in the Human Settlement Sector is mainly guided by three main concepts:

#### Investment areas

Focus on Number of National, Provincial and Municipal Programmes; Housing Need; Growth in employment; Population growth; Gross Value Add (GVA) - measure value of goods and services produced - is output minus intermediate consumption; GVA Growth; In-migration)

#### Intervention areas

Focus on mining towns and niche towns (e.g. military veterans)

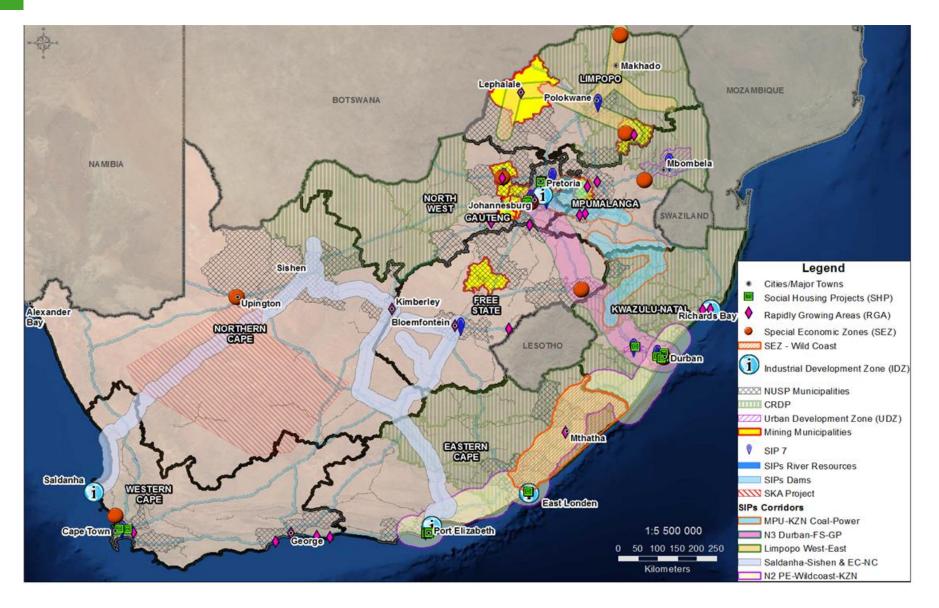
#### Areas of Deficiency (Deprivation - 95th percentile)

Focus Housing Need; Lack of access to basic services; Number of people with no formal education; Number of unemployed people; Number of Households with an income of less than R3 200.00 per month)

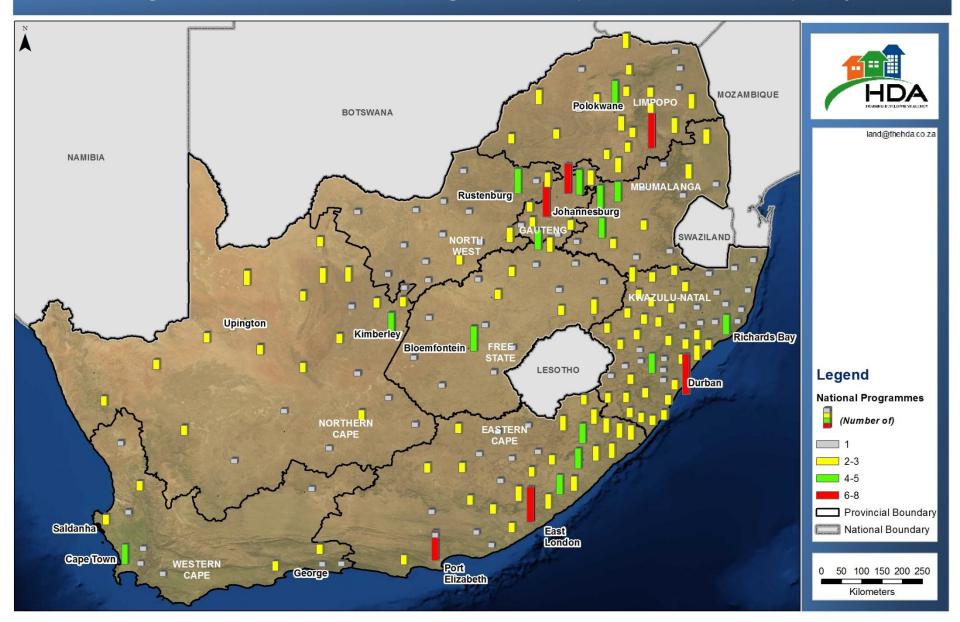
# Alignment of National Spatial Initiatives towards collaborative investment

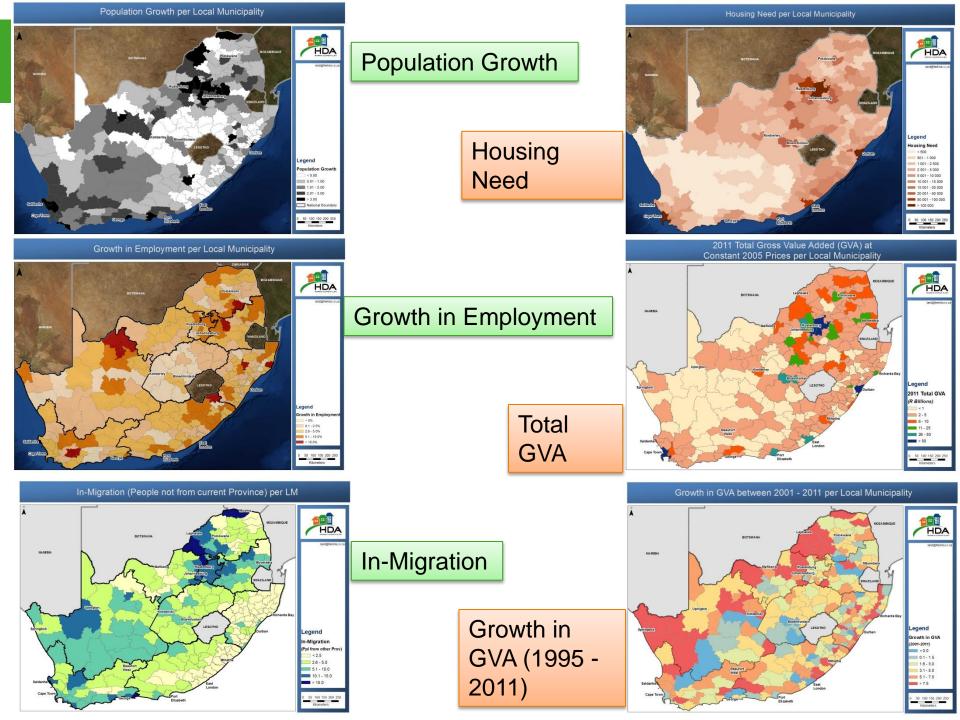




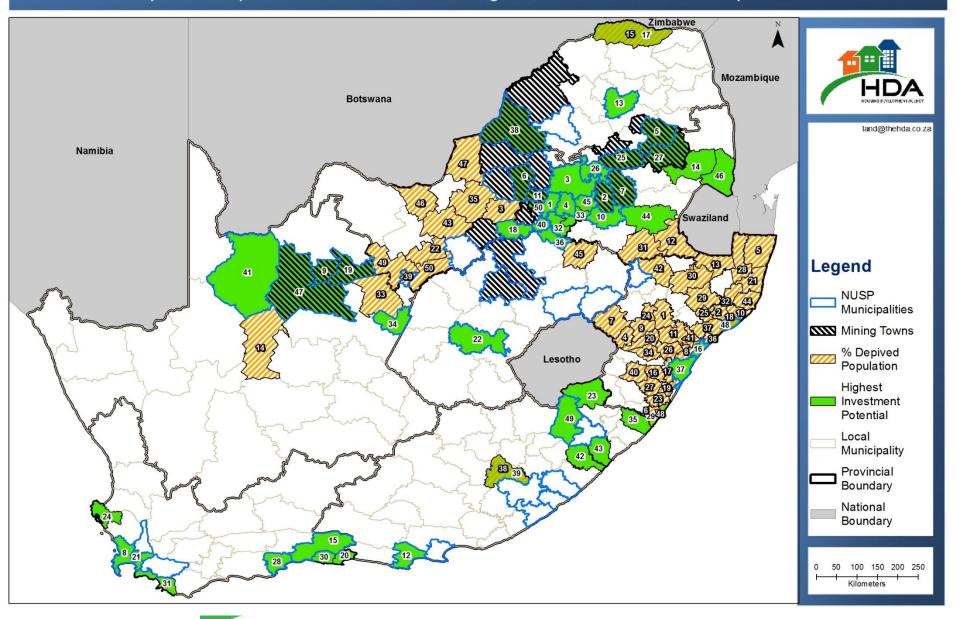


#### Alignment of National Programmes per Local Municipality

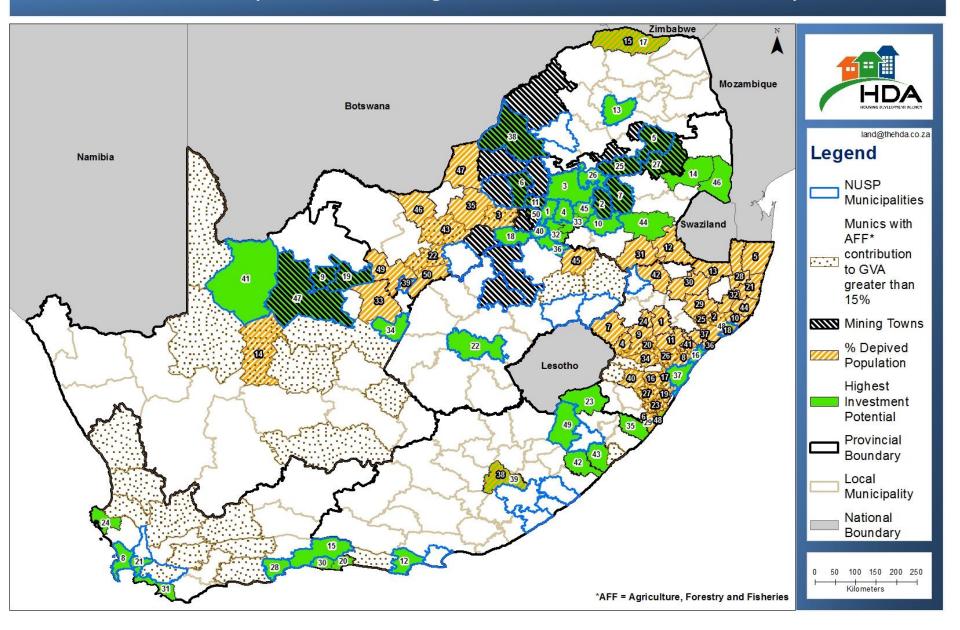




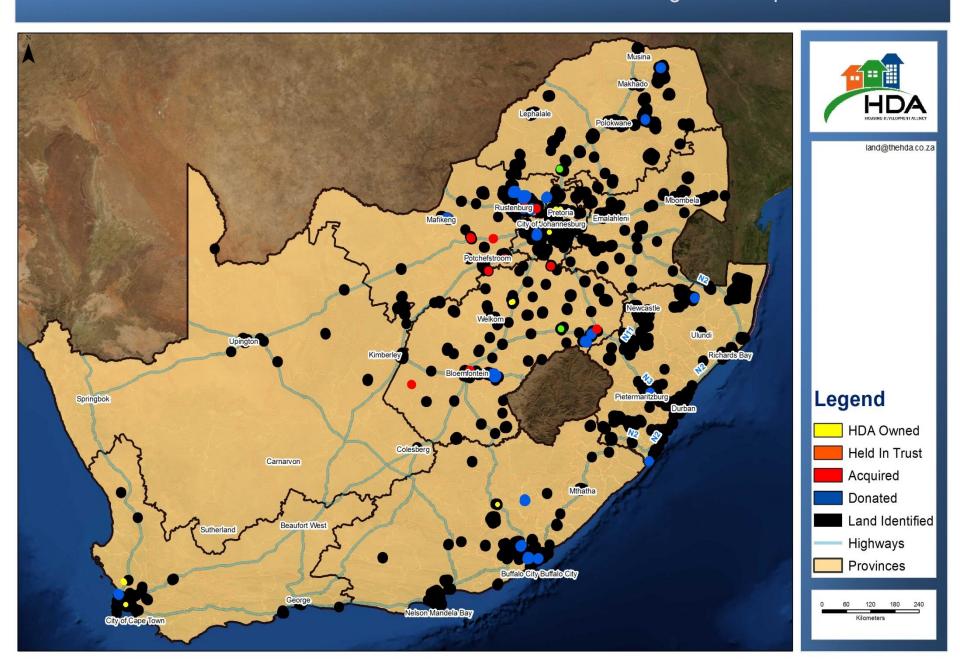
## Metro/Local Municipalities with the Highest Investment Potential and the Highest % of Deprived Population in relation to Mining Towns and NUSP Municipalities



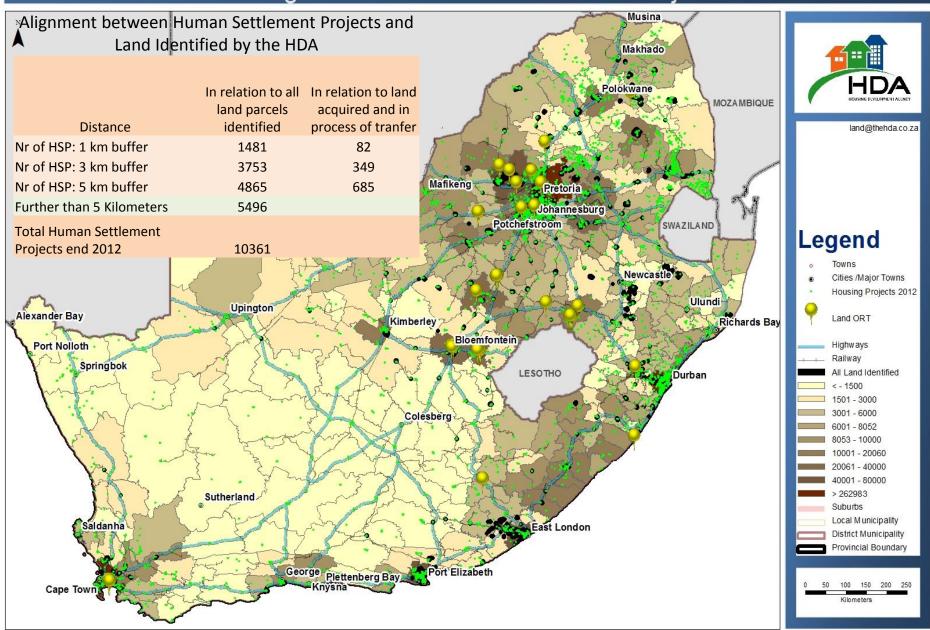
#### An overview of Spatial Prioritising in Human Settlements Development



#### Land Identified in Relation to Land Owned & Held In Trust including Land Acquired & Donated



# Land Identified and in process of Transfer, in Relation to Housing Need & Human Settlements Projects



# RIGHT LOCATION: RIGHT INVESTMENT: RIGHT SOLUTION



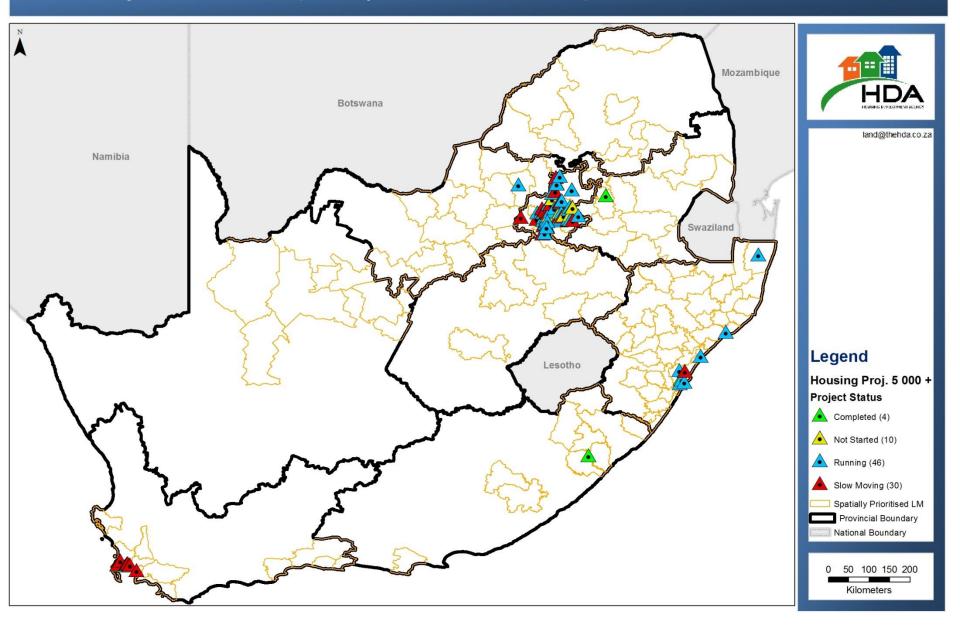


# Leading to where should the human settlements sector invest?

The location of our settlements has impacted directly on the cost of transport for people (in particular in the lowest income ranges).

And therefore it is your responsibility to debate on mechanisms and policy changes needed to change the way we do normal planning.

#### Project status of Spatially Prioritised Municipalities with 5 000+ units



## **Application of criteria: Marikana**



Prioritisation criteria : Marikana	Local area description		
Type of contribution of the settlement to SA economy	Mining town – life span beyond 30 years		
Government plans and objectives to be met (NDP)	Response to mining sector crisis		
Growth (increasing or declining) – economic and population (respond to urbanisation, curtail decline)	Significant economic growth		
Demographic profile and quantity of targeted beneficiaries	Blue collar labourers and domestic workers		
Extent of the difference between supply and demand for adequate housing (housing need)	Western Platinum Mines: employed – 1134, other economic activities – 2223, Population – 4320, Housing need – 7 <sup>th</sup>		
Housing challenge to be addressed as per local area	(Service delivery) protests, informal settlements; inadequate dwellings; backyard rental		
Locality (related to mobility networks)	TBC		
Existing capacity (infrastructural and social)	Emergency response established as interim measure		
Deficiency (Level of deprivation)	95 <sup>th</sup> percentile		
Critical mass for impact	27 000 units and serviced sites anticipated		

## Application o the criteria: Marikana



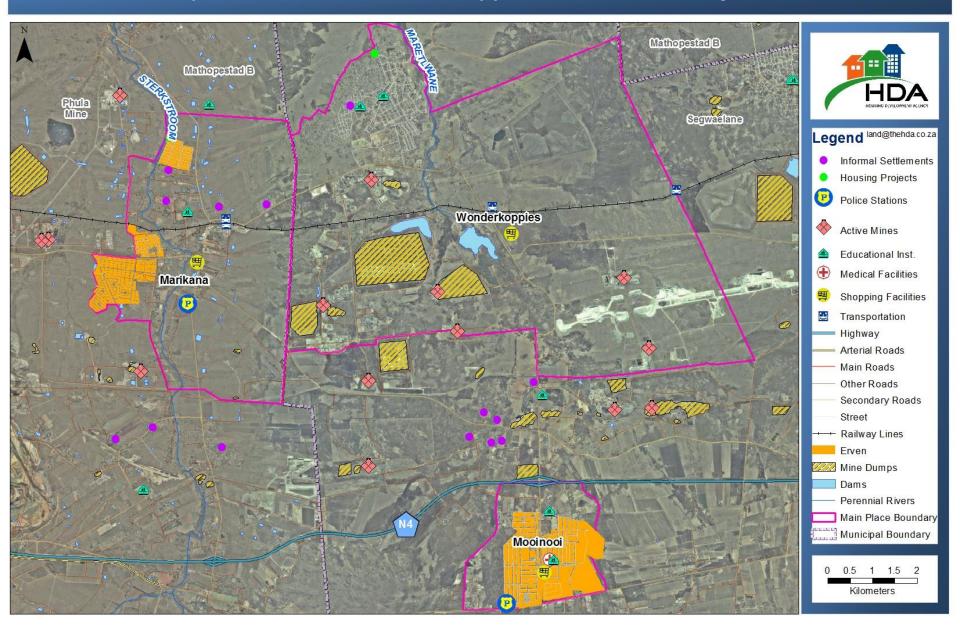




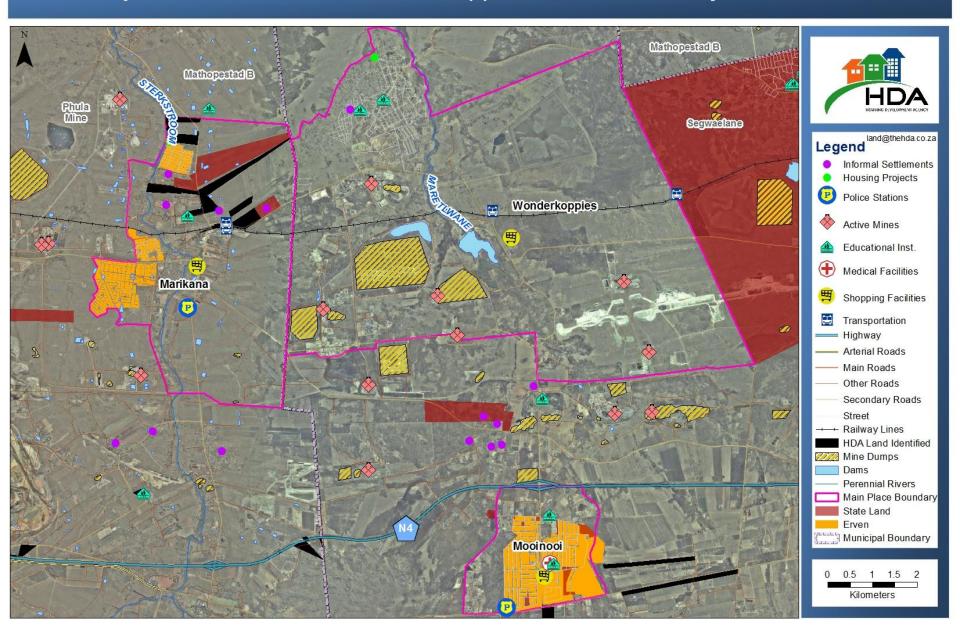
Local Municipality of Madibeng

Wonderkoppies Mooinooi

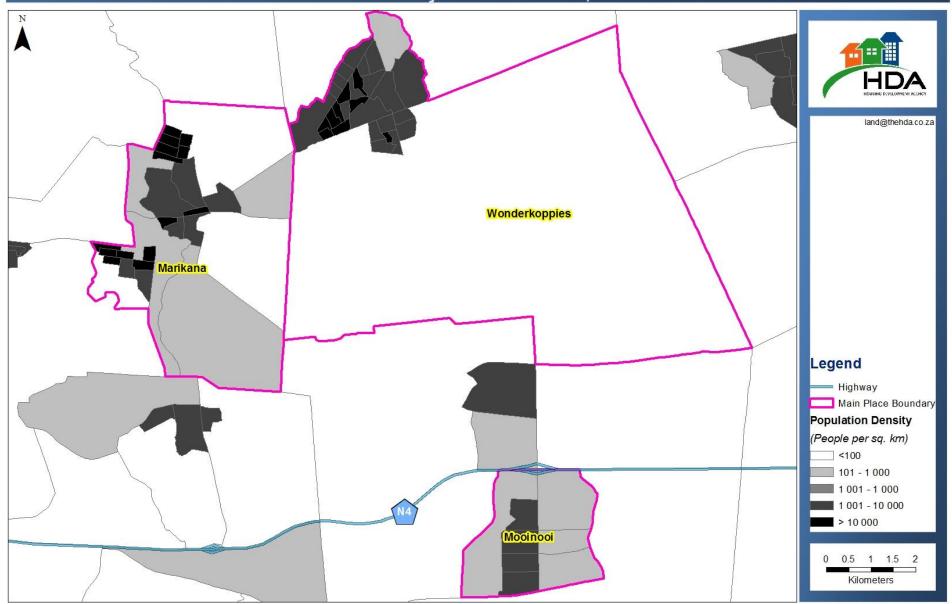
#### Land Use Map of Marikana, Wonderkoppies & Mooinooi: Bojanala District, NW



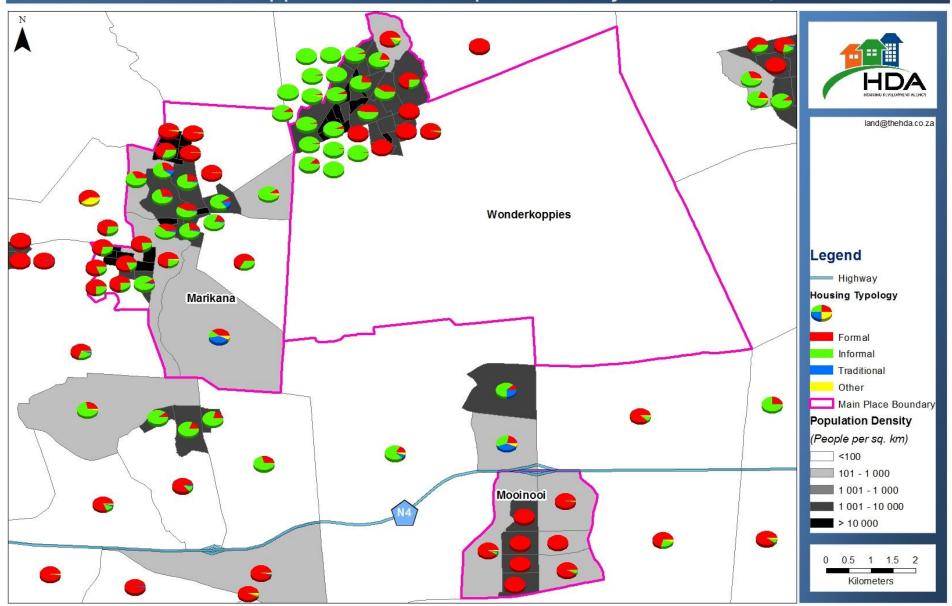
#### Locality Plan of Marikana, Wonderkoppies & Mooinooi: Bojanala District, NW



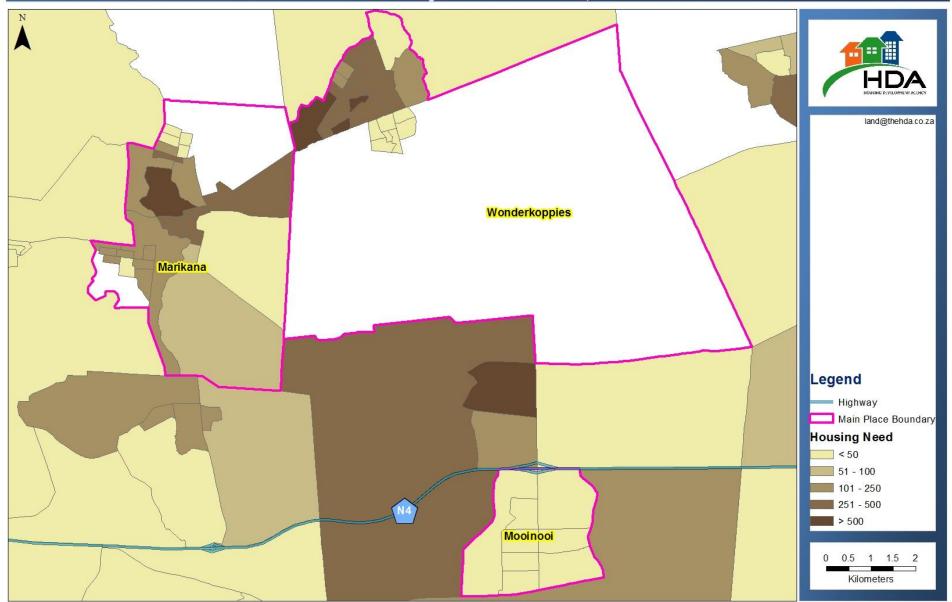
# Population Density of Marikana, Wonderkoppies & Mooinooi per SAL: Bojanala District, NW



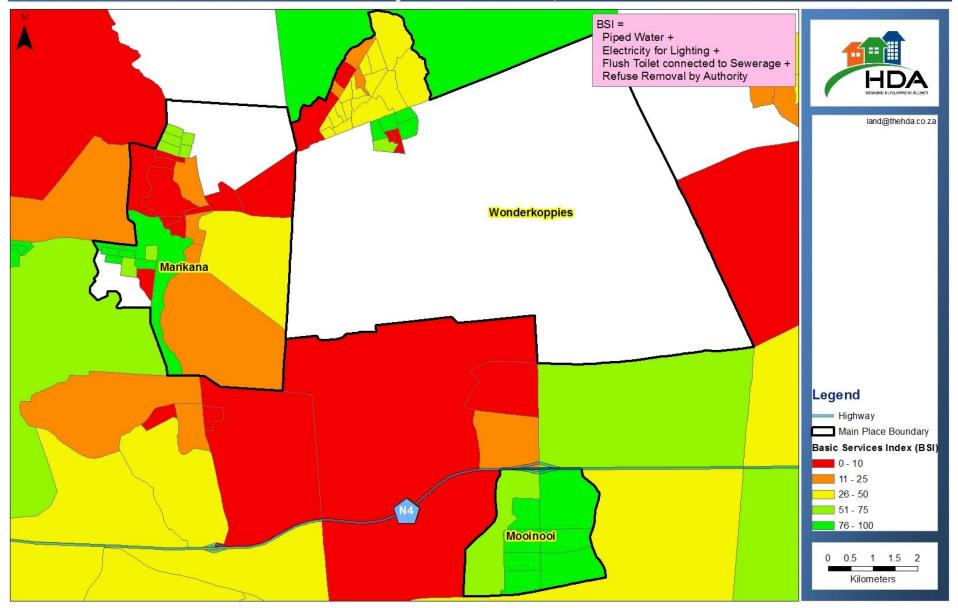
# Housing Typology in relation to Population Density in Marikana, Wonderkoppies & Mooinooi per SAL: Bojanala District, NW



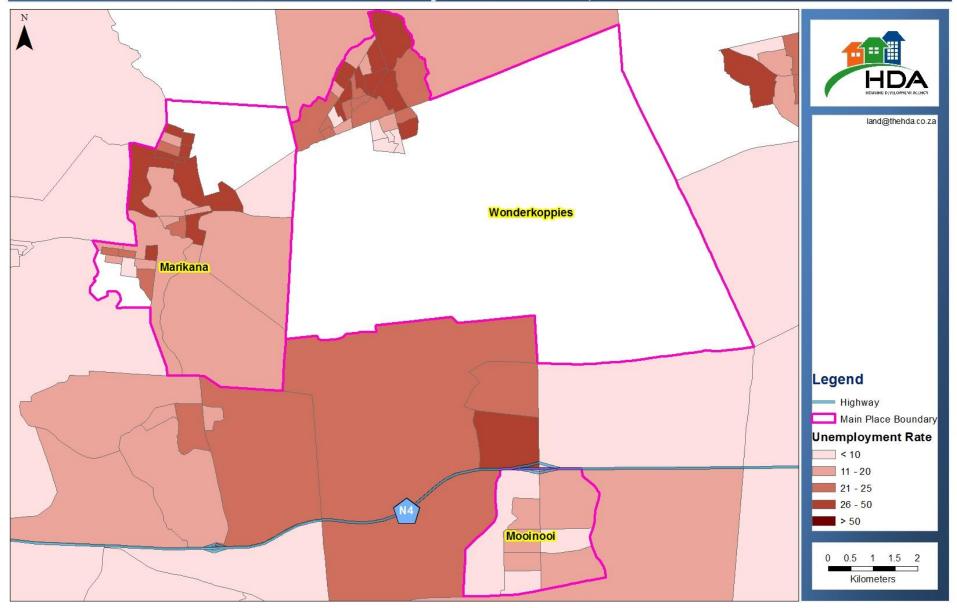
# Housing Need of Marikana, Wonderkoppies & Mooinooi per SAL: Bojanala District, NW



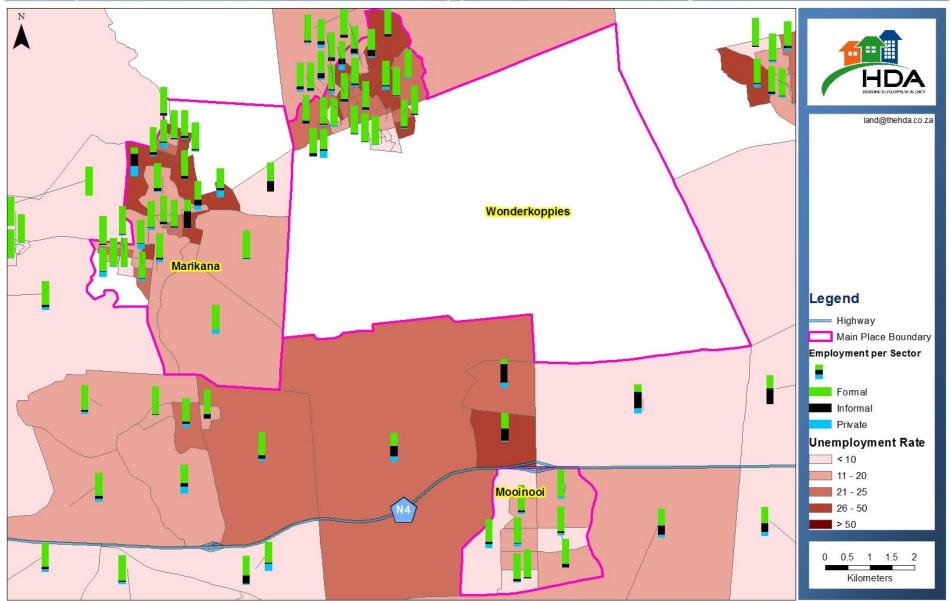
# Basic Services Index (BSI) per SAL in Marikana, Wonderkoppies & Mooinooi: Bojanala District, NW



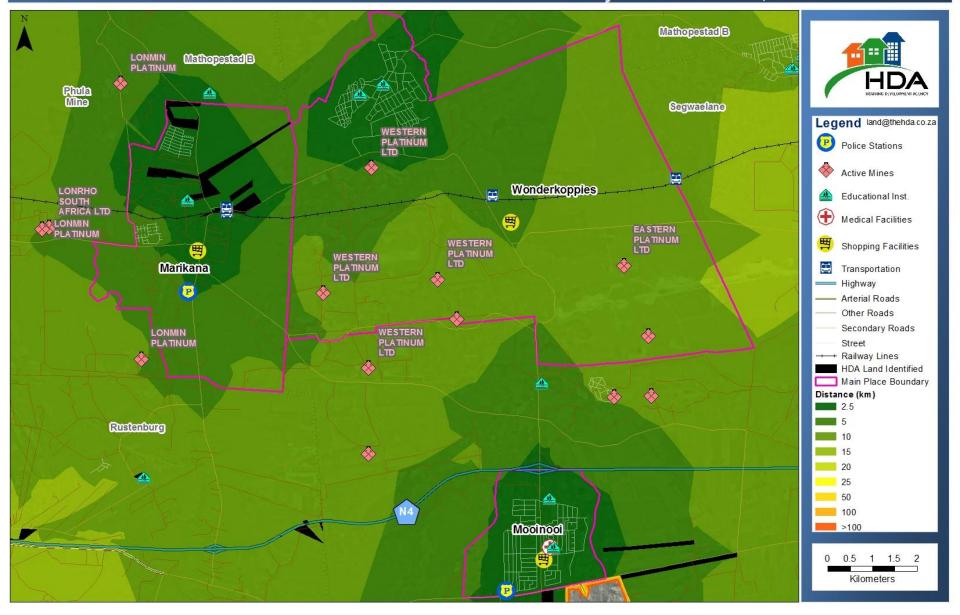
# Unemployment Rate of Marikana, Wonderkoppies & Mooinooi per SAL: Bojanala District, NW



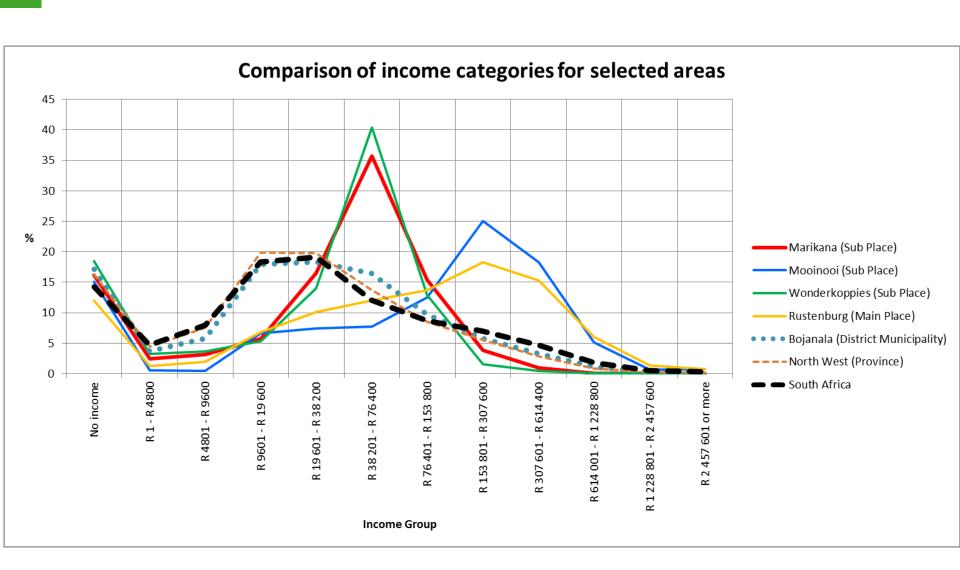
# Employment Sector of Head of Household in relation to Unemployment Rate per SAL in Marikana, Wonderkoppies & Mooinooi: Bojanala District, NW



# Distance map of Marikana, Wonderkoppies & Mooinooi to HDA Identified Land, Active mines and Points of Interest: Bojanala District, NW







### **Application of criteria: Germiston**





Prioritisation criteria	Local area description
Type of contribution of the settlement to SA economy	Manufacturing town with transport interchange economy (largest in sub-saharan Africa)
Government plans and objectives to be met (NDP)	Urbanisation trends in metros
Growth (increasing or declining) – economic and population (respond to urbanisation, curtail decline)	Significant economic growth in certain areas Limited decline in other areas
Demographic profile and quantity of targeted beneficiaries	Blue collar labourers and domestic workers
Extent of the difference between supply and demand for adequate housing (housing need)	Population 5600, Approx. 3000 people employed and 700 active in other employment.
Housing challenge to be addressed as per local area	Informal settlements; inadequate dwellings; backyard rental
Locality (related to mobility networks)	Excellent – as one driver of local economy
Existing capacity (infrastructural and social)	Emergency response established as interim measure
Level of deprivation	Various – but significant levels of deprivation
Critical mass for impact	Yes – 30 000 units anticipated for delivery

The long term solution is to achieve

consolidation through

spatial targeting

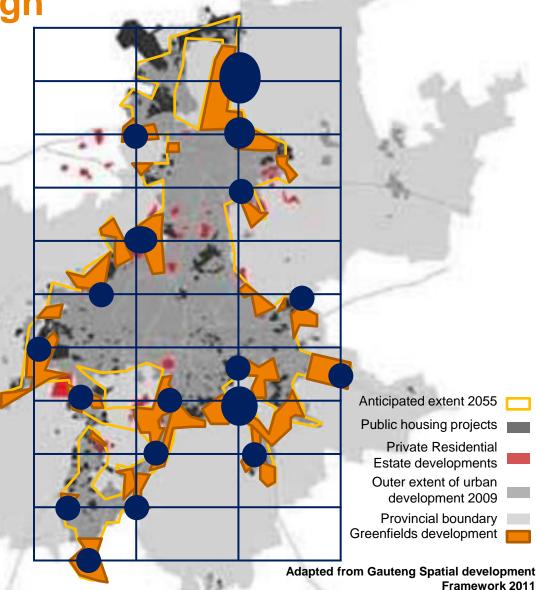
Define 2014 urban extents as consistent for at least 20 years

#### **INCREASES:**

- real "land scarcity" and increased value of land
- Stimulates spatial targeting
- Density increase will follow

#### **DECREASED:**

- Fiscal burden of new infrastructure on the State
- Individual contributions resulting in more affordable rates and taxes





Framework 2011

### Catalytic project example: Germiston CBD



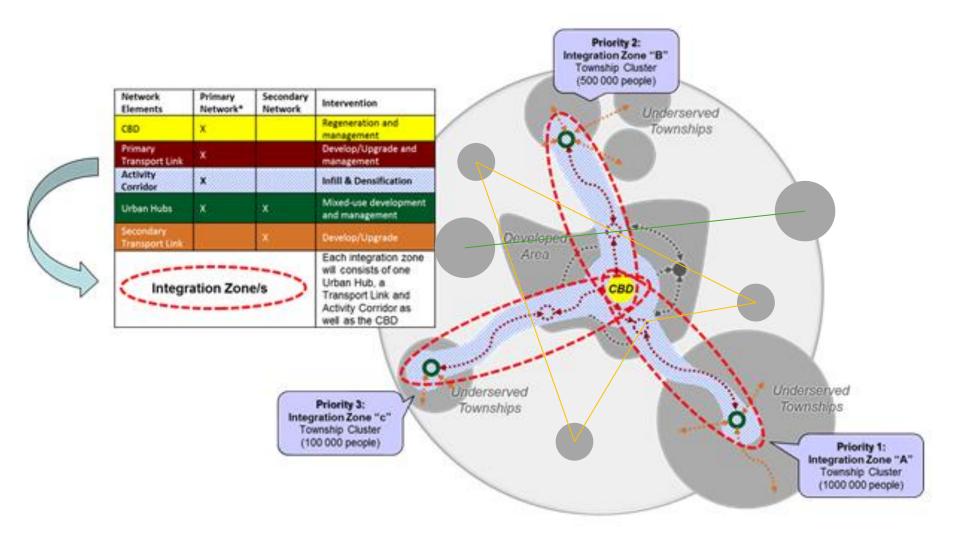


DEVELOPMENT TONE	ZONE HAWE (IL PRECINCT LOCABON)	PROJECT HAME	HOSSING TYPOLOGY	MO, OF 30M2 BMTS (SUBSTOCED)	NO, OF BOME BHITS (BONDED)	MD. OF 40M2 BHITS (SUBSTONED)	NO. OF 40M3 SHITS (DOWDED)	NO. OF SOME BHITS (BOHDIES)	MD, OF BOWZ SHITS (RONDID)	TOTAL ME OF RESORVINE UMITS
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ZONET	Green industry Precinct(	Housing	Hick-up/Flot	177.	- 62	187	111	- 8	- 0	\$40
20NE 2	MOTOR CITY (Manufacturing Fredirict)	Motor City Housing	Wick-up/Flat	92	46	90	53	19	2	362
	CIVIC NORTH (CIVIC Precinct-	Chic North								
ZONE 3	North	Housing	Wick-up/Flat	442	220	401	232	205	42	3,897
IONE 4	DBRARY SQUARE [High Street Precinct - North]	Library Housing	Widoup	37	.12	40	20	0	- 9	100
JONE 5	JACK SPREET NORTH (High Street Precinct - North & Manufacturing Precinct - South)	Jack Str Horth Housing	Walk-up/Mat	754	384	433	337	537	132	2,777
A THOSE	CNIC SOUTH (Civic Precinct - South)	Civic South Housing	Walk-up/Flat	425	214	424	255	62	1	1,380
JONE 7	CENTRAL PARK (High Shael Predinct - Central & Commercial Precinct - Central	Central Park Housing	Walk-up/Flat	457	230	307	198	349	w	1,800
Children .	GOLDEN WALK (Commercial	Golden Walk	500 TV. III.		17.00			25.00	10.5	10000
TONE 8	Precincit	Central Housing	Ror	643	338	1.020	1.255	1,820	905	5,982
DONE 9	PIRROWVILLE (Transport & Market Precinct)	Pirowville Housing	Wclk-up/Flot	1,186	458	1.240	657	54	2	3.994
DONE IN	QUEEN STREET   Residential Preidnett	Queen Str. Housing	Wolk-up/flat	837	347	857	481	75	3	2,618
TONE I	FRE STATION SQUARE (High Sheet Precinct - South)	Frestation Housing	Walk-up/flof	397	140	420	216	19	,	1,183
ZONE IS	GOLDEN WALK SOUTH (Commercial Fredrict)	Golden Walk South Housing	Wak-up/Rat	896	496	793	473	467	93	2,219
ZONE 18	DUKATHOLE	Dukarhole Housing	Duclex	1,217	0	1,460	0	0	3	2,677
IONE 14	SHAFT CITY	Shaft Cill Housing	Duolex	1,130	0	1,356	0	0		2,485
GRANDITO				0,617	2,782	1.216	4288	3,551	1.240	30,11

## Connecting the urban network elements







# Using Priority Housing Development Areas (PHDA) to implement catalytic projects





PHDA Policy and Regulations provides for declaration of a priority zone which enables:

- Consultation and Coordination around development areas
- Spatial targeting at local area development
- Institutional arrangements to support distributed decision making

# Constitutional responsibilities and legislative environment





- Implementation of a Spatial Master Plan should be considered by all spheres of government to achieve collaborative investment.
- The constitutional responsibilities are well described and highlighted in strategic and legislative documents including the Spatial Planning and Land Use Management Act 2013 and National Development Plan (in particular Chapter 8 "Transforming Human Settlement & National Space Economy")

## Human Rights legislation

- Constitution
- NDP2030
- BNG Policy

## Mandate legislation

- Housing Act and Policy
- SPLUMA
- Municipal System Act

## Supportive legislation

- HDA Act including PHDA
- Social Housing Act
- Expropriation Bill
- Land restitution Act
- GIAMA
- PFMA
- FMFA

# Using Priority Housing Development Areas (PHDA) to implement catalytic projects



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- Institutional arrangements to support distributed decision making
- The scope for Monitoring and Evaluation

### **Monitoring and Evaluation Indicators**













#### Land Auditing

- a) Land AreaDefinition(designationdiagram/map)
- b) Individual Property Description and extent (SG Diagrams)
- c) Individual Property Ownership (Title Deeds)

#### **Land Acquisition**

- a) Secured Land Rights (Sale agreement/ Expropriation Notice/ Donation/DRA/LA A
- b) Property Value (Valuation Report)

## Land &Project Preparation

- (Readiness of land)
- a) Land Status
- b) Environmental Approval
- c) Planning
  Approvals
  (Development plan/
  Township
  Establishment/
  Rezoning

#### **Built Environment**

- a) Project Designs and Approval (Municipal Approvals)
- b) Project and Funding Approvals (Project Agreements)
- c) Provision of Bulk Infrastructure (Engineering Certificates)
- d) Top Structure Construction (Occupation Certificates

# Using Priority Housing Development Areas (PHDA) to implement catalytic projects





## PHDA Policy and Regulations provides for declaration of a priority zone which enables:

- Consultation and Coordination around development areas
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- Institutional arrangements to support distributed decision making
- The scope for Monitoring and Evaluation
- Ring-fencing appropriate programme budgets against development plans

## **Creating Collaborative Investment**





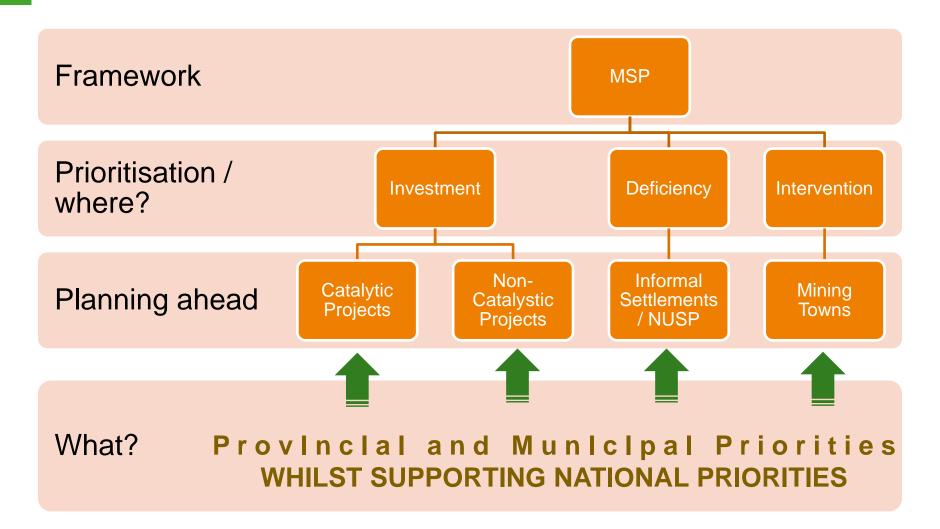
Instruments	Grants
Infrastructure Grants	ICDG – Integrated City Development Grant
	USDG – Urban Settlements Development Grant
	HSDG – Human Settlements Development Grant
	PTISG – Public Transport Infrastructure Grant
	NDPG – Neighbourhood Development Partnership Grant (CG)
	INEP – Integrated National Electrification Grant
Spatial Targeting Instrum	ents PHDA – Provincial Housing Development Area SHRZ – Social Housing Restructuring Zone UDZ – Urban Development Zone SEZ – Special Economic Zone IDZ – Industrial Development Zone
Plans	BEPP – Built Environment Performance Plan  MSDF – Metropolitan Spatial Development Framework
	IDP – Integrated Development Plan
	UNI – Urban Network Identification

#### **HSDG** LAND FOR HOUSING **TOP STRUCTURI** INTERNAL SERVICES **IRDP** INEP **HUMAN SETTLEMENTS** (including municipal **RURAL** public services and USDG social services) **FLISP** NFRASTRUC **BUILT ENVIRONMENT PTIG** (including non-residential services and buildings, **NDPG** public places, transport networks and transport **ICDG** interchanges) LAND / NATURAL **ENVIRONMENT**

### Implementing the concept...







### **Progress and Way Forward**





- We have a finalised draft MSP Concept document submitted on October 13<sup>th</sup>;
- We've now set up and agreed on principles, criteria and broad investment areas with a process to plan for the future; and
  - we are creating the commitment to the Concept through consultations with our stakeholders (Provinces and Municipalities), to ensure the identification of catalytic projects
- The next stage in the consultation process is to consider input on refining the criteria from stakeholders in order to motivate for the catalytic projects;
  - Metros;
  - Sector Departments
- Simultaneously we are refining the document with an assessment of best practises / benchmarking exercise against three other countries
- We will then prepare a submission to Cabinet
- Progress is reported to Technical MinMec to consider and coordinate reports with recommendations to MinMec.







RIGHT LOCATION: RIGHT INVESTMENT: RIGHT SOLUTION