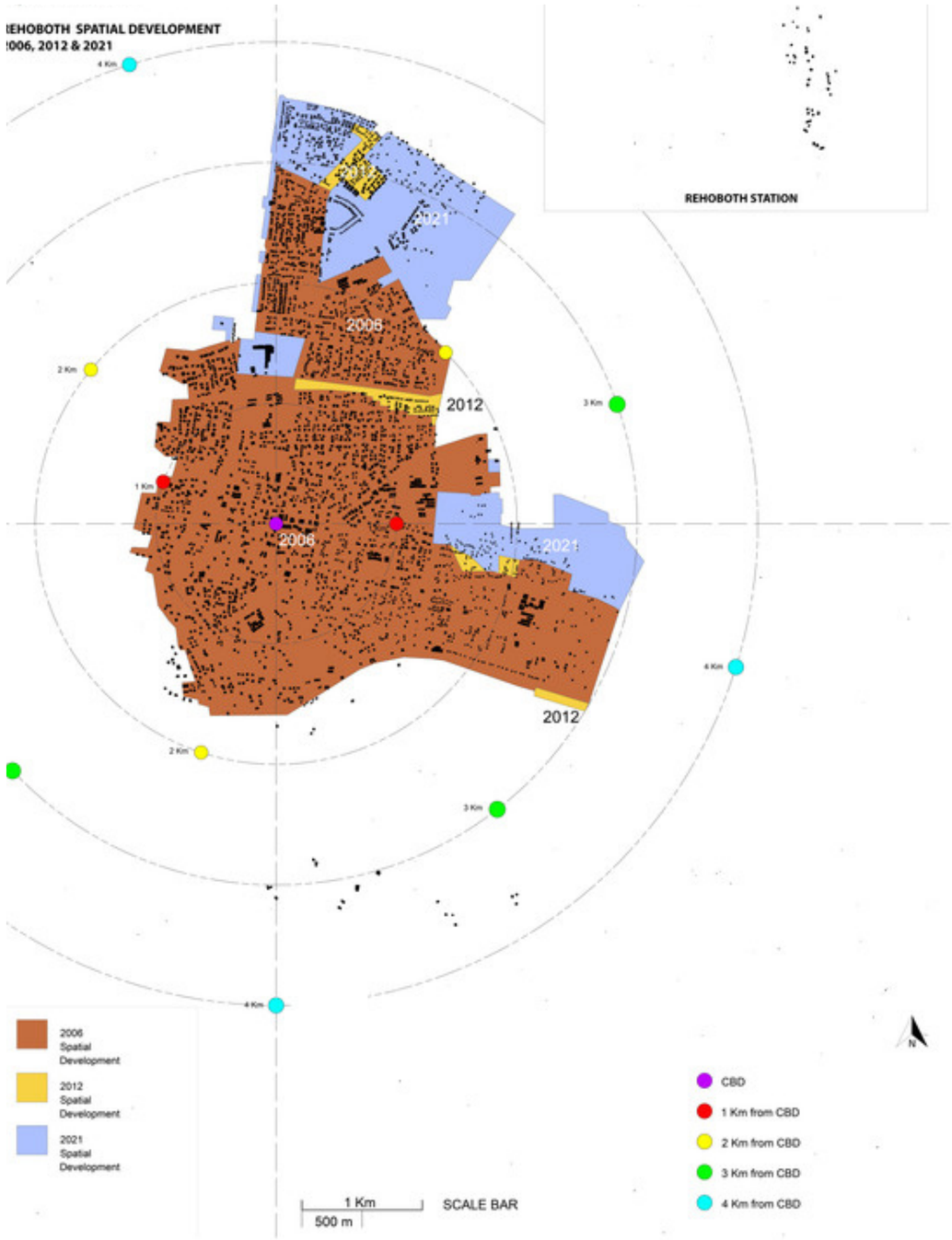
KAMAU
town planning &
development specialist

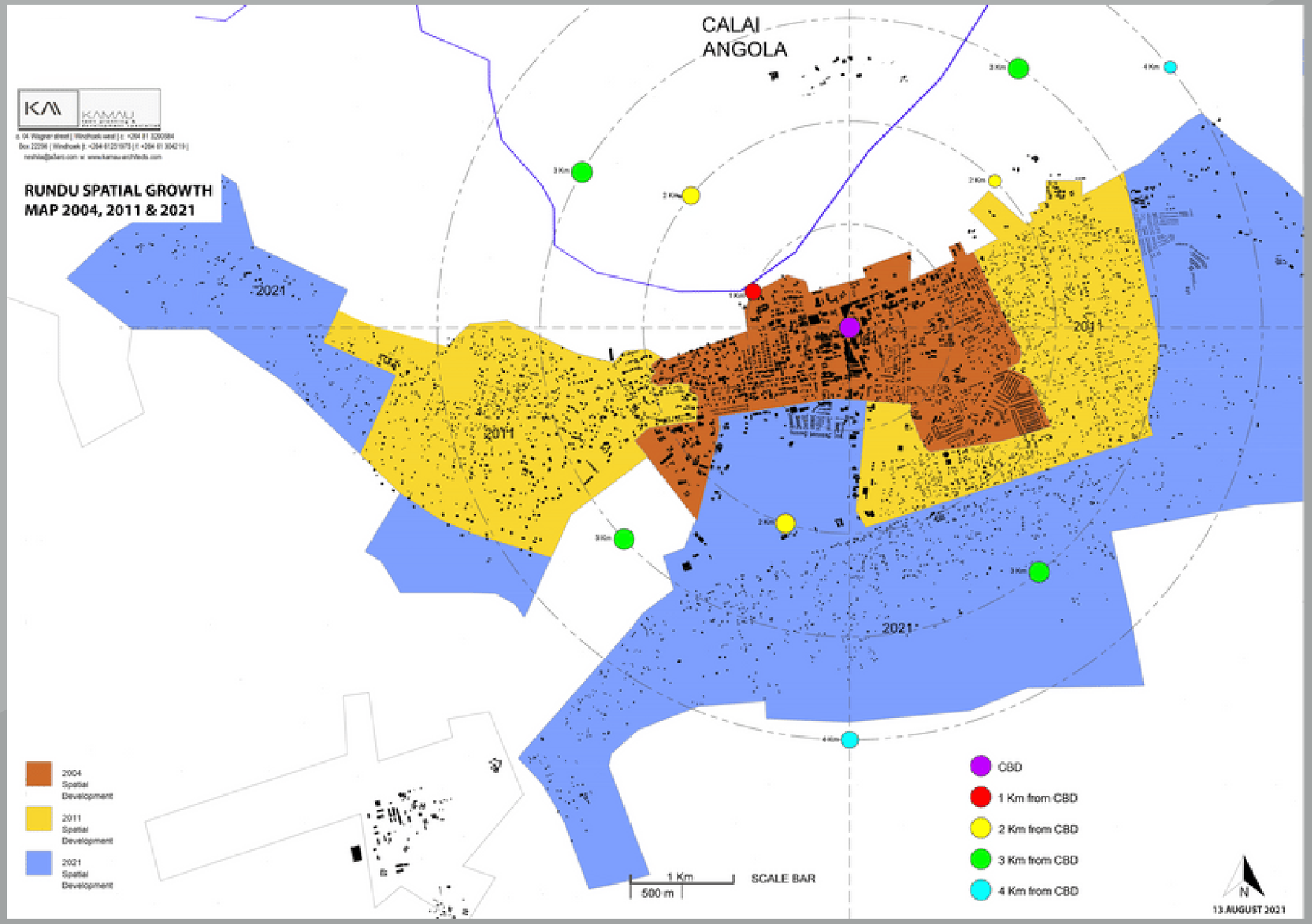
GREEN HYDROGEN PROJECT:

INFRASTRUCTURE & HOUSING REQUIREMENTS

MR FRANCISCO NESHILA: NITRP



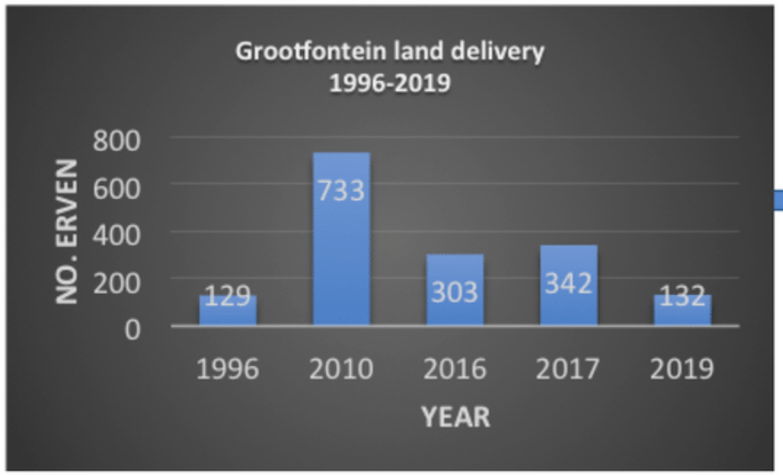
RUNDU SPATIAL GROWTH ANALYSIS



LAND & PROPERTY DATA ANALYSIS

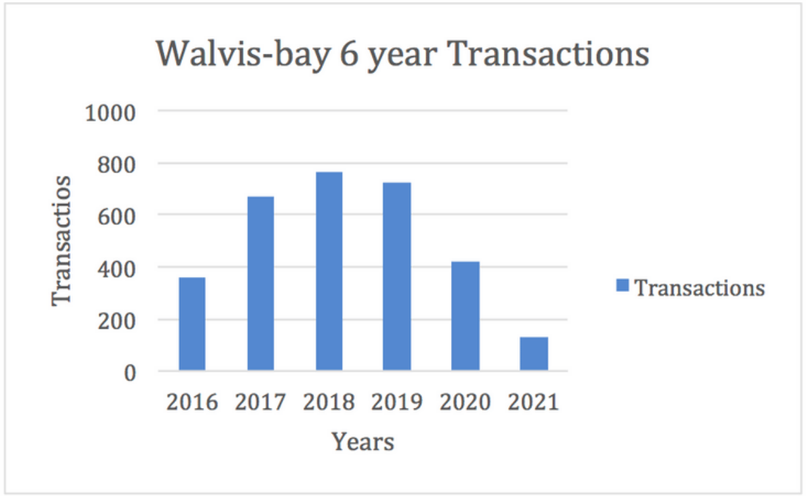
The property market overviews are conducted with the objective of generating timely collection and release of key market indicators for assessment of the housing conditions. The analysis covers key aspects of the purchase and selling of housing trends, including the factors affecting the supply and demand of housing.

Grootfontein



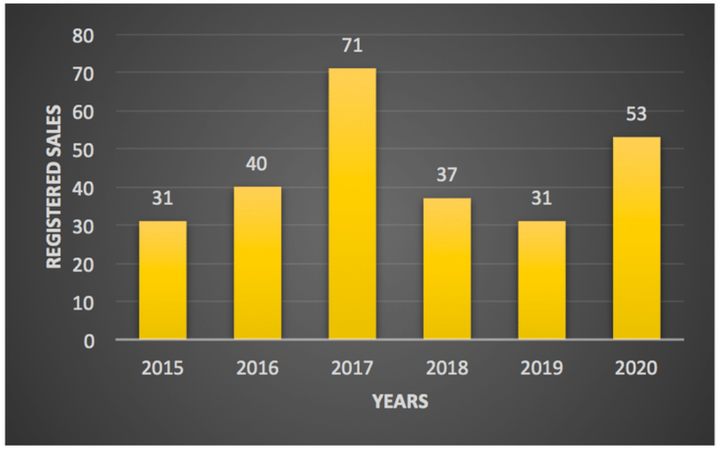
Year	No. of Erven
1996	129
2010	312
2010	295
2010	126
2016	303
2017	129
2017	213
2019	132
Total	**1639**

Walvis-bay



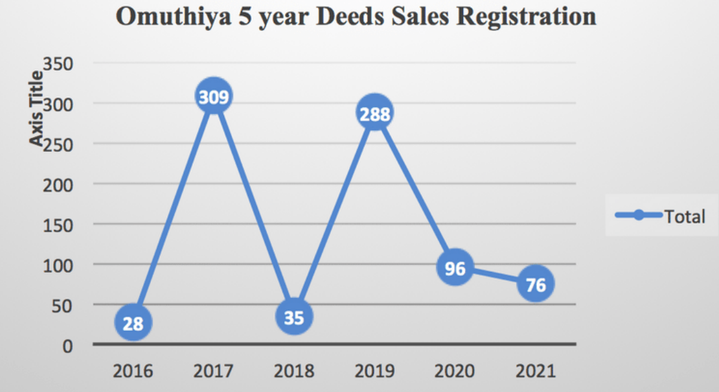
Mariental

Town	2015	2016	2017	2018	2019	2020	Total
Mariental	31	40	71	37	31	53	**263**



For the past 6 years Mariental recorded a total sales of 263 averaging 43.83 sales per year. 2017 recorded the highest sales with 71 sales followed by 53 sales in 2020. 2015 and 2019 recorded the lowest, each recording 31 sales each.

Omuthiya



Omuthiya recorded a total of 832 property transactions at the deeds registry for the past five (5) years at an average rate of 166 properties per annum. The highest sales were recorded in 2017 with 309 total sales and the least in 2016 with 28 total sales.

LÜDERITZ

Population Statistics

2011: 12 537
2021: 15 366
2031: 18 834

Economy

- Agriculture, Forestry & Fishing 34% (//Karas Region)
- Fishing 80% (Lüderitz)

Prospective Economic Contributors

- NUST Campus
- Museum
- Hydrogen Project

- Urbanisation: Population increase & Spatial Growth

Source: NSA

LAND AND INFRASTRUCTURAL REQUIREMENTS FOR GREEN HYDROGEN IN LÜDERITZ

Current Demand

- Waiting list : ± 4000 middle - high income

Land Supply

±500 un-serviced erven within the town boundary

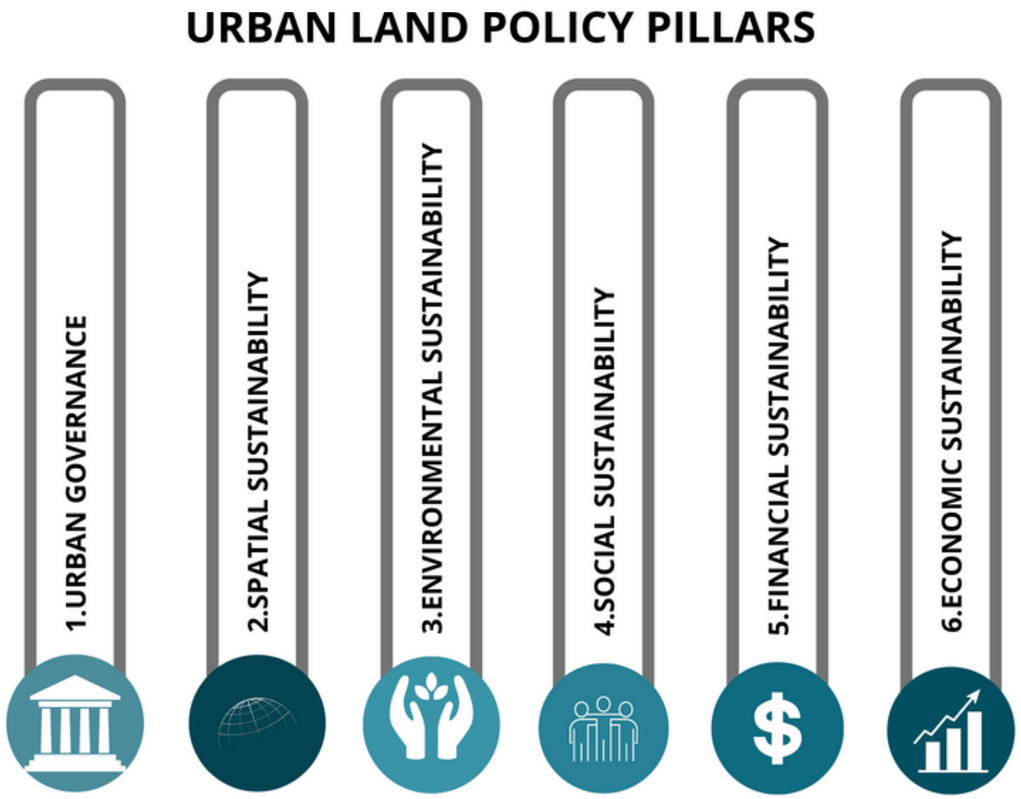
Green Hydrogen: Land & Infrastructure Demand

- Majority of prospective employees: middle - high income earners

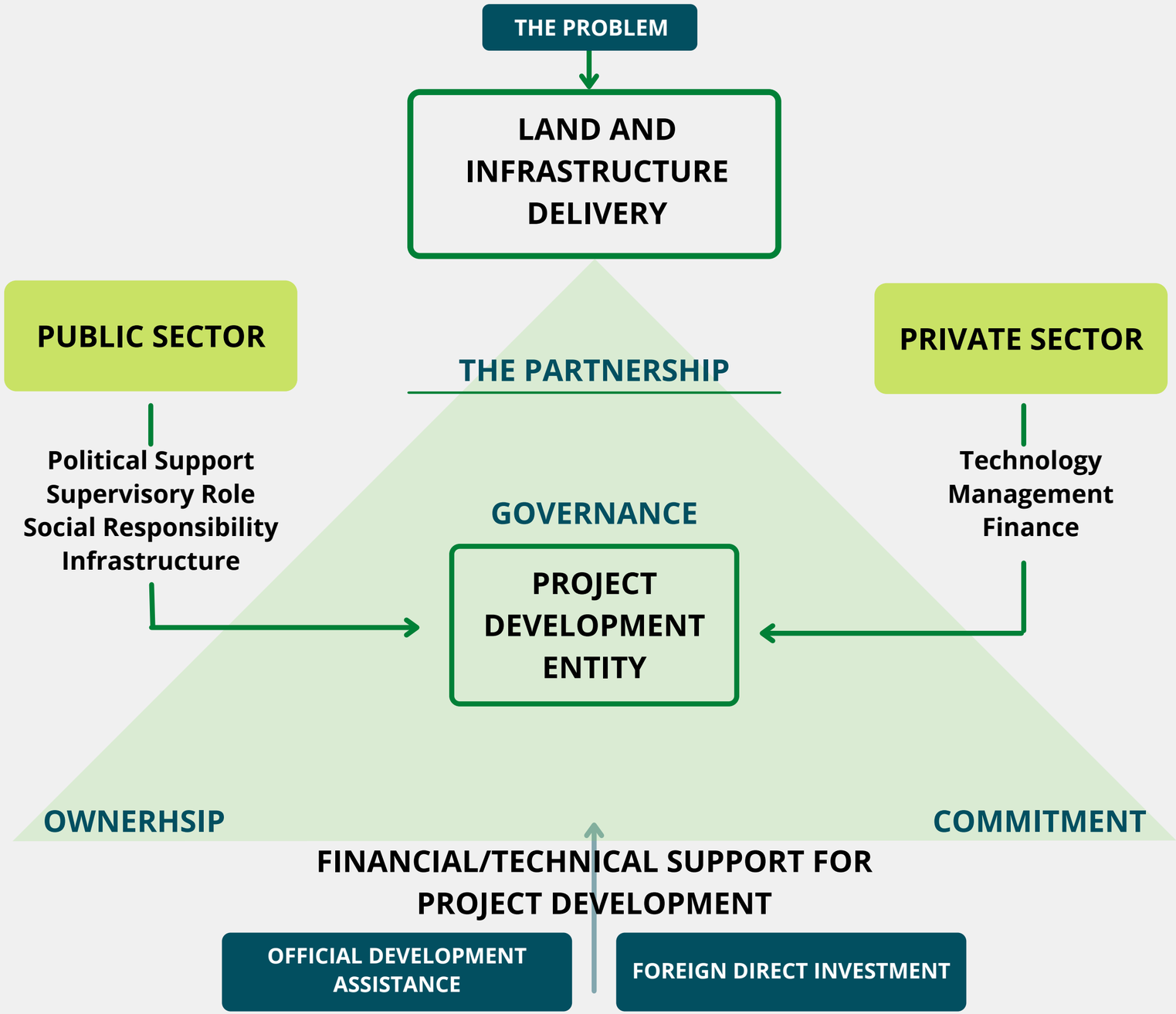
Employment Statistics

- 15 000 jobs during construction
- 3000 permanent jobs

- Need to avail serviced land for housing development



- **Aim**: Provide a national urban land framework that will enable the establishment of policies, programmes and strategies
- **Objectives**: Ensure secured, equitable, affordable and efficient use of urban land


THE PROBLEM
LAND AND INFRASTRUCTURE DELIVERY
PUBLIC SECTOR
PRIVATE SECTOR
THE PARTNERSHIP
Political Support
Supervisory Role
Social Responsibility
Infrastructure
Technology
Management
Finance
GOVERNANCE
PROJECT DEVELOPMENT ENTITY
OWNERHSIP
COMMITMENT
FINANCIAL/TECHNICAL SUPPORT FOR PROJECT DEVELOPMENT
OFFICIAL DEVELOPMENT ASSISTANCE
FOREIGN DIRECT INVESTMENT

MANAGEMENT OF URBANISATION

TO :

- Maximise benefits of agglomeration
- Reduce environmental degradation
- minimise adverse impacts on urban dwellers

By :

- Considering future different scenarios in growth of areas and surroundings

Through :

- Government Policies: **Urban Land Policy**

THANK YOU

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