

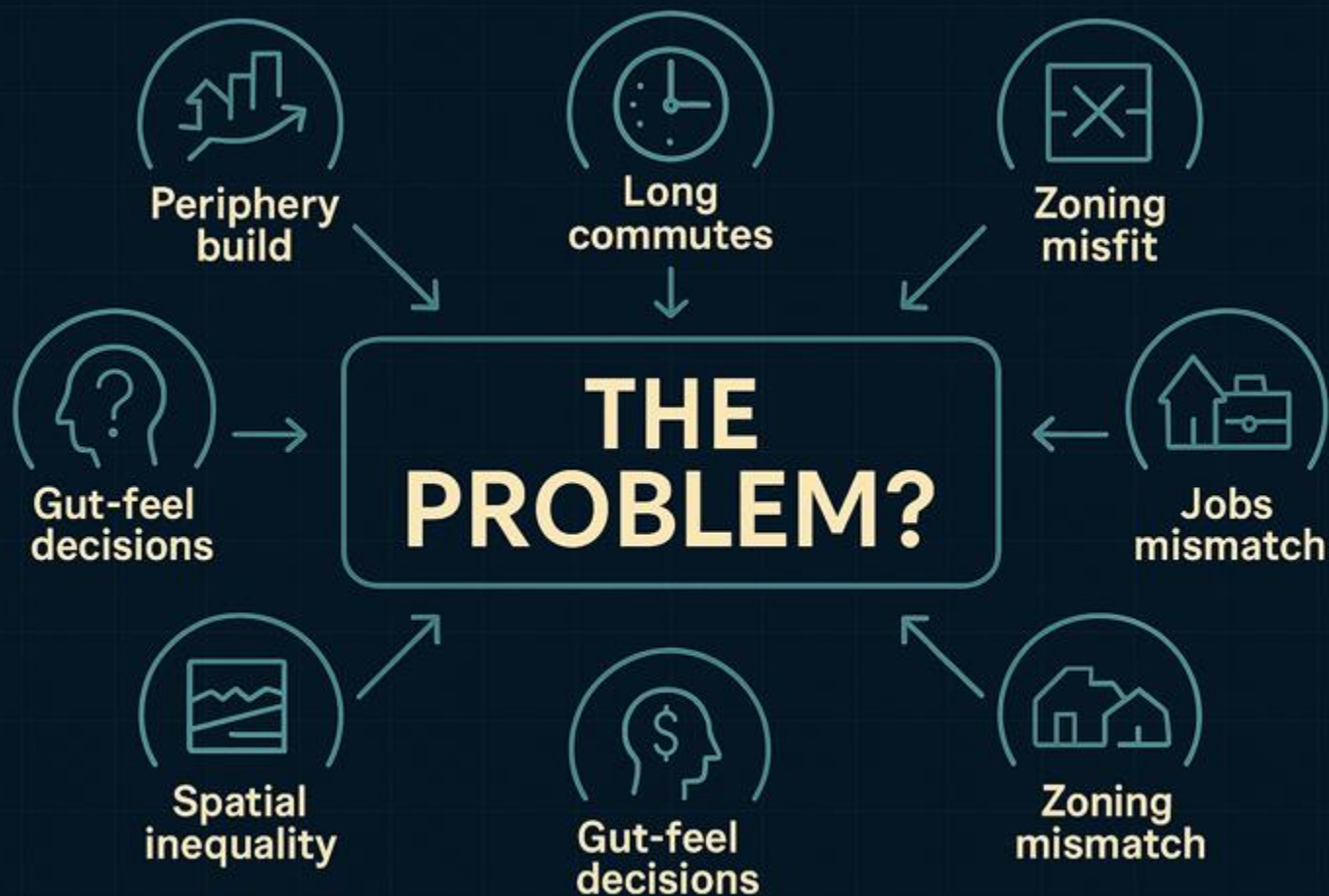
An aerial photograph of a city skyline, likely San Francisco, with a body of water in the background. The image is dark and moody, with a blue-grey color palette. The city's dense urban landscape is visible, with numerous skyscrapers and buildings. The water in the background shows some industrial structures and ships.

The Spatial Advantage

How AI-Powered Geospatial Data Analysis and Urban Planning Intelligence can Transform Property Investment Decisions

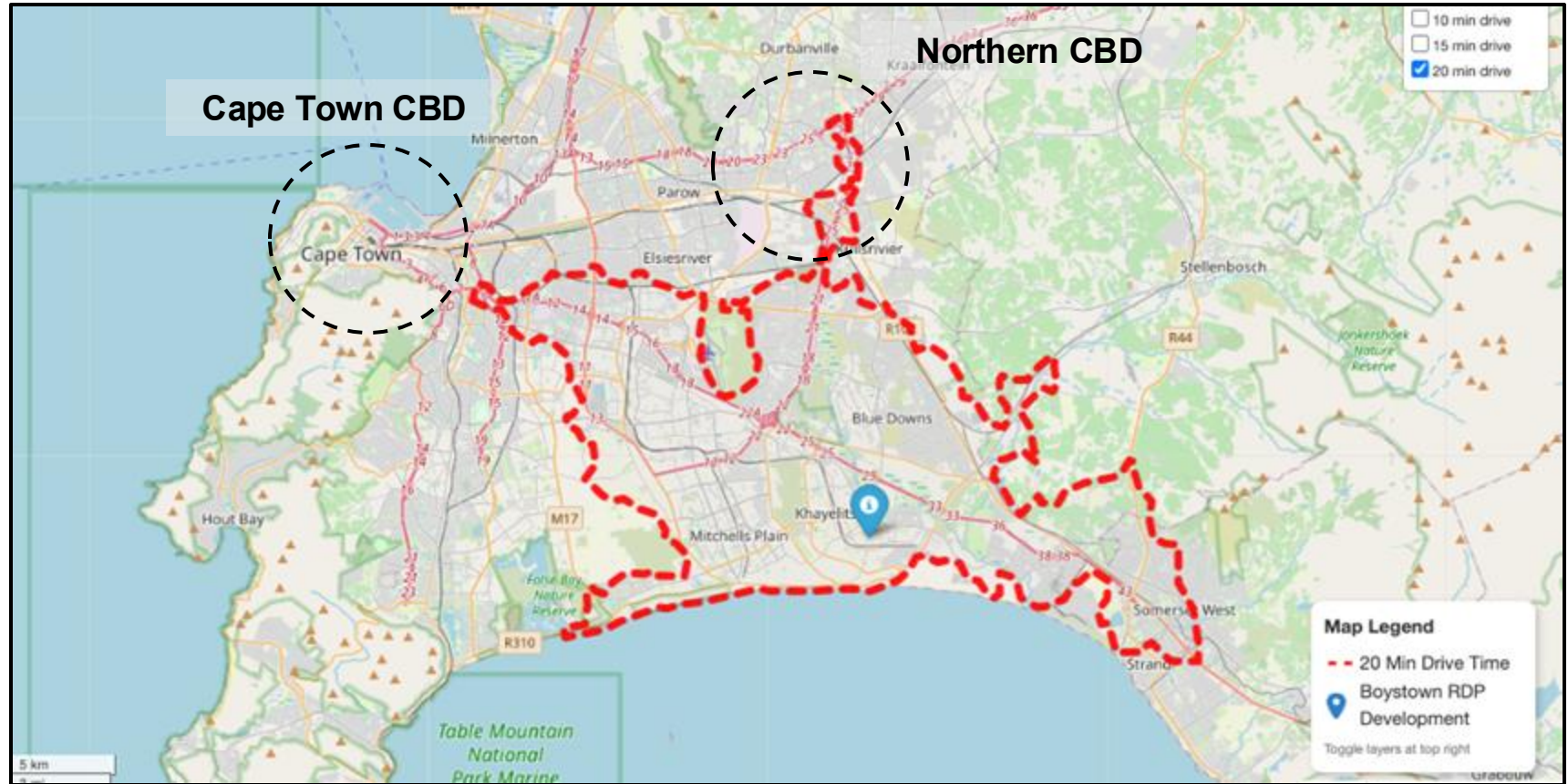
Factors Affecting Investment Decisions





Weak planning → stranded value

Average travel time for RDP in boystown is 20 mins to the nearest Urban Centre



RDP's failure – Houses Without Integration Into the Urban Fabric

Failed Reconstruction and Development Programme (RDP) housing projects are under housing rectification programme

30 Jul 2009



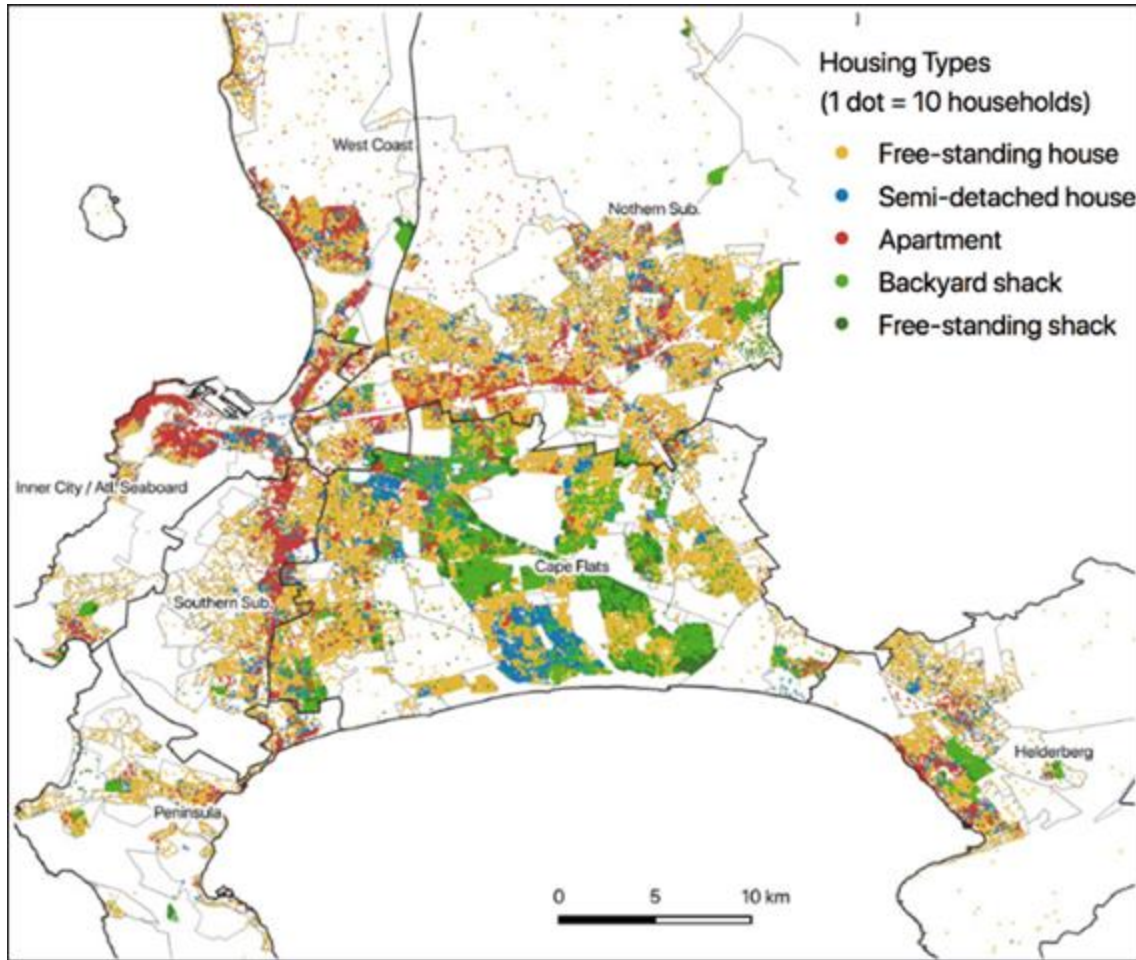
194 identified areas proposed for development of affordable rental flats



Map showing income levels (Low Income, Middle Income, High Income) across Europe. A large blue arrow points to the Western European region.

Dominant Property Value Groups in City of Cape Town





Informal dwellings concentrate in disadvantaged areas , revealing a housing shortage despite interventions

Source: Scheba, Turok, Visagie (2021)

"SPLUMA: The Spatial Framework That Defines Your Value Curve"



Government Gazette

REPUBLIC OF SOUTH AFRICA

Vol. 578 Cape Town 5 August 2013

No. 36730

THE PRESIDENCY

No. 559

5 August 2013

It is hereby notified that the President has assented to the following Act, which is hereby published for general information:—

Act No. 16 of 2013: Spatial Planning and Land Use Management Act, 2013

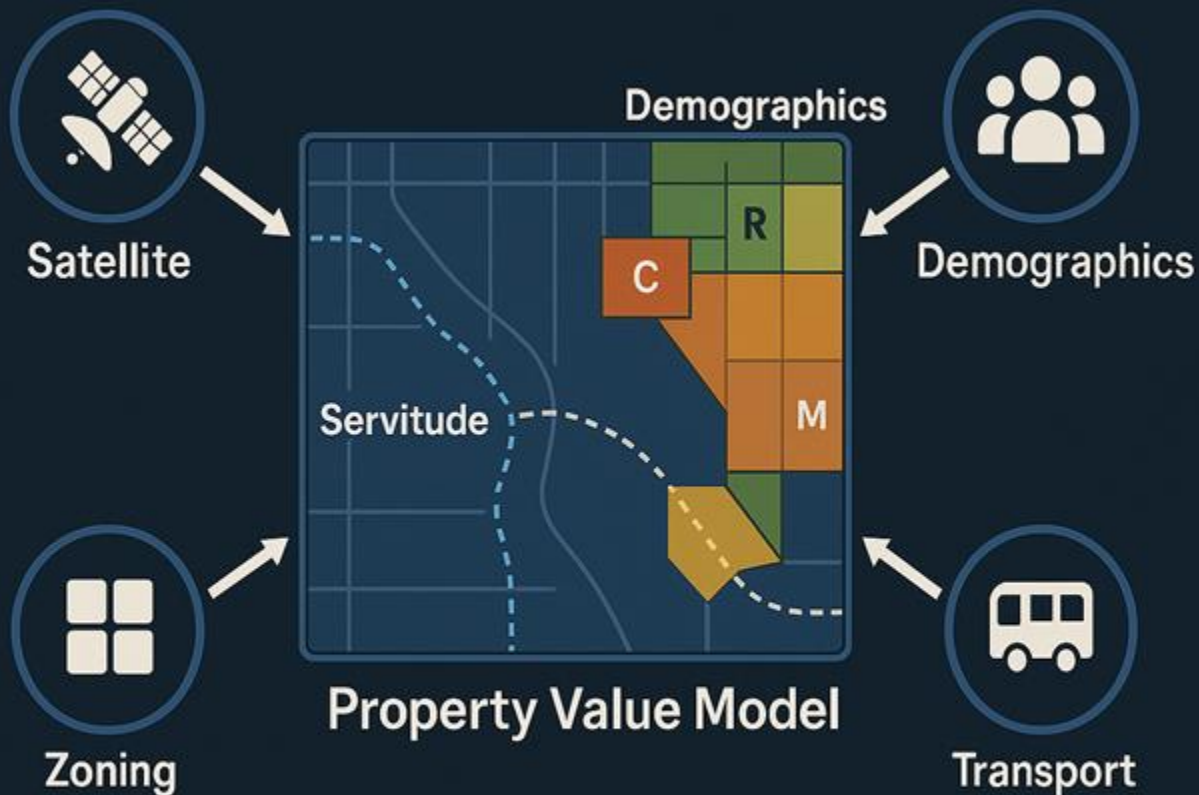
Spatial Justice

7. The following principles apply to spatial planning, land development and land use management:

- (a) The principle of spatial justice, whereby—
 - (i) past spatial and other development imbalances must be redressed through improved access to and use of land;

Spatial Efficiency

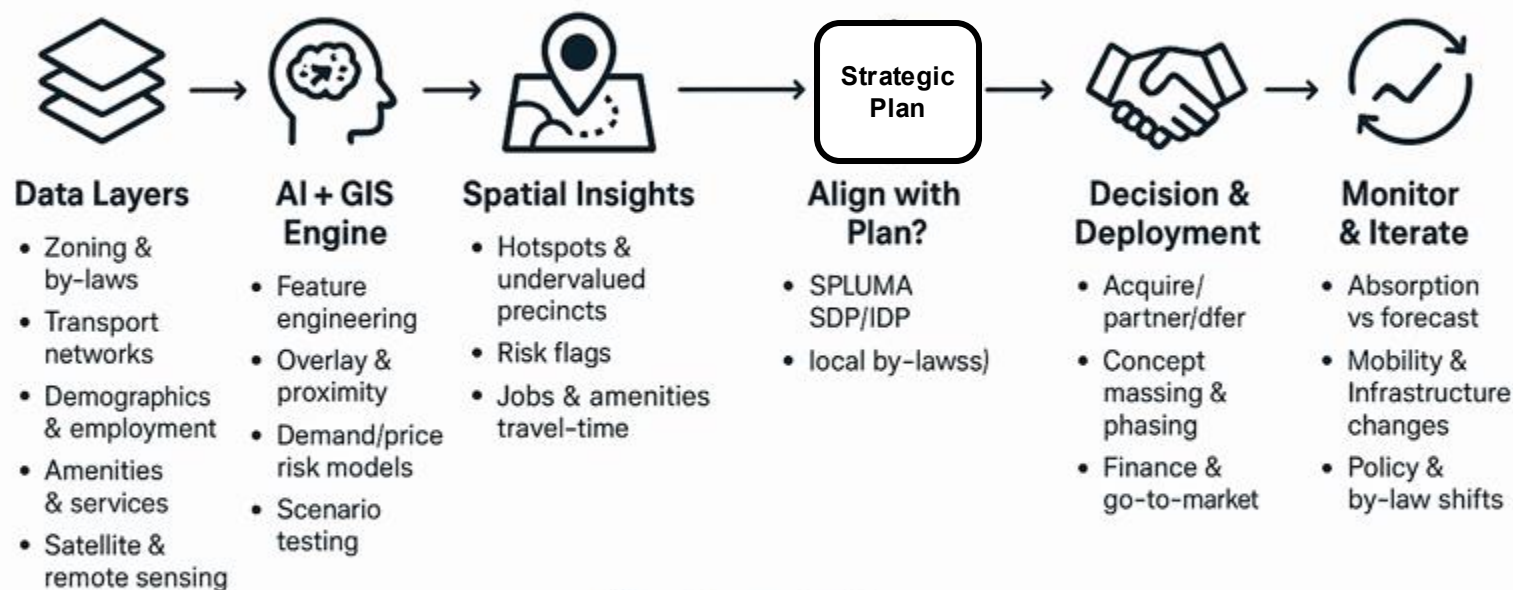
- (c) the principle of efficiency, whereby—
 - (i) land development optimises the use of existing resources and infrastructure;
 - (ii) decision-making procedures are designed to minimise negative financial, social, economic or environmental impacts; and



The Power of AI + GIS

AI • Geospatial Data • Urban Planning

The Geospatial AI + Urban Intelligence Workflow



Guardrails

- Avoid reinforcing apartheid geogrrphy
- Prioritize proximity to jobs & transport
- Pair housing with economic integration

THE BOTTOM LINE

Planning + Data + AI → Better location choices → Lower risk, stronger returns,





AI • Geospatial Data • Urban Planning