PROPERTY DASHBOARD FOR EXPORT PROCESSING ZONES AUTHORITY, ATHI RIVER

Introduction

The Export Processing Zones Authority (EPZA) is a State Corporation, under the Ministry of Industrialization, Trade and Enterprise Development established in 1990, by the EPZ Act (CAP 517, Laws of Kenya). EPZA's mandate is to promote and facilitate export-oriented investments and to develop an enabling environment for such investments. The Athi River Export Processing Zone was gazetted on 23rd November 1990 and covers 339 hectares of land including 292 hectares of the main site, on LR.No. 18474 in Athi River (Mavoko). EPZA under the EPZ program offers a range of attractive fiscal, physical, and procedural incentives to ensure low-cost operations, fast set up and smooth operations for export-oriented businesses.
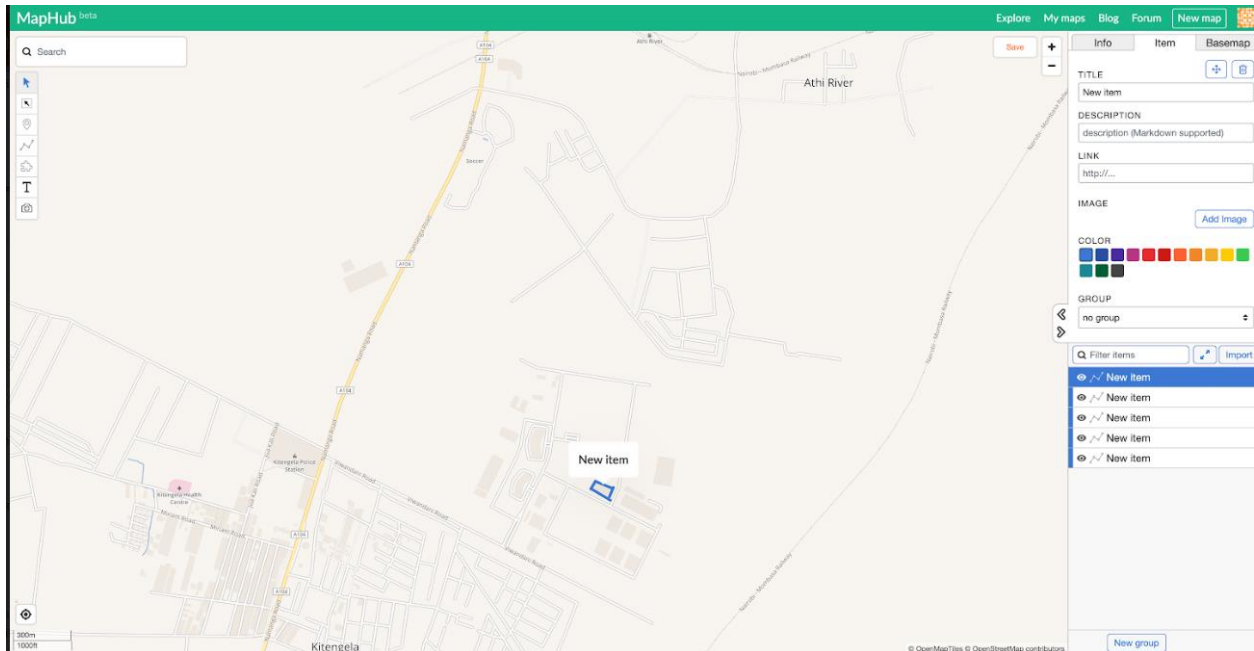
The Requirement

The board and the management wanted a solution that would provide a real-time dashboard on the land allocation within the Zone , specifically they wanted to know what parcels were for common areas and the EPZA usage, both allocated and unallocated plots , details on parcels numbers and the tenants.

The solution is meant to assist in locating and identifying plots distribution within the EPZA. The over 200 plots needed detailed profiling based on land referencing, leasing status, size, and leasing period to the EPZA management in real-time. The plot profile could be embedded or documented on a platform dashboard that automatically pops up details of each plot/office building upon clicking.
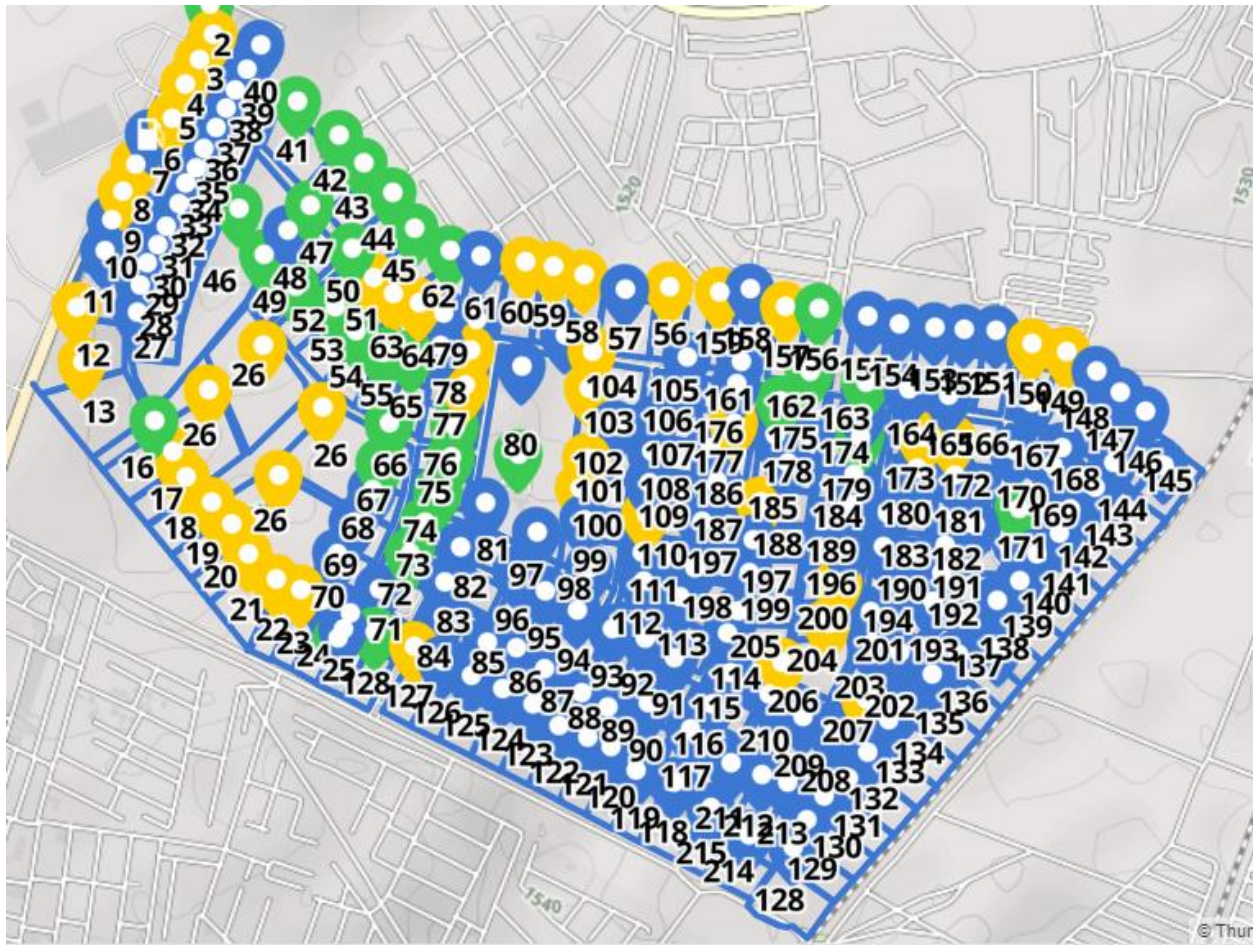
Solution

The cartographic design process of planning, creating, dividing, and utilization of the available EPZA land can be graphically represented on a live geographic map. The property and plots distribution within the EPZA can be shown on a live map which contains the overlay of masterplan and plot layout, Land referencing, color-coded data dashboard, size, and leasing status.
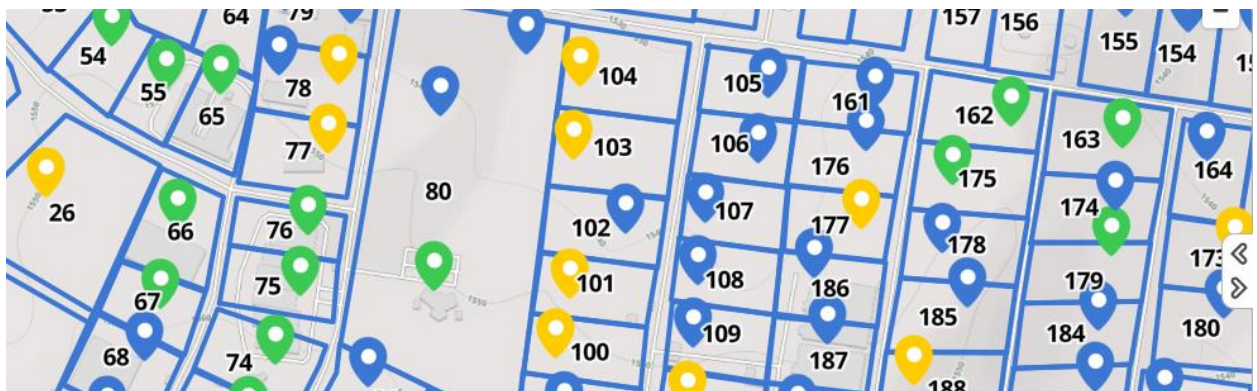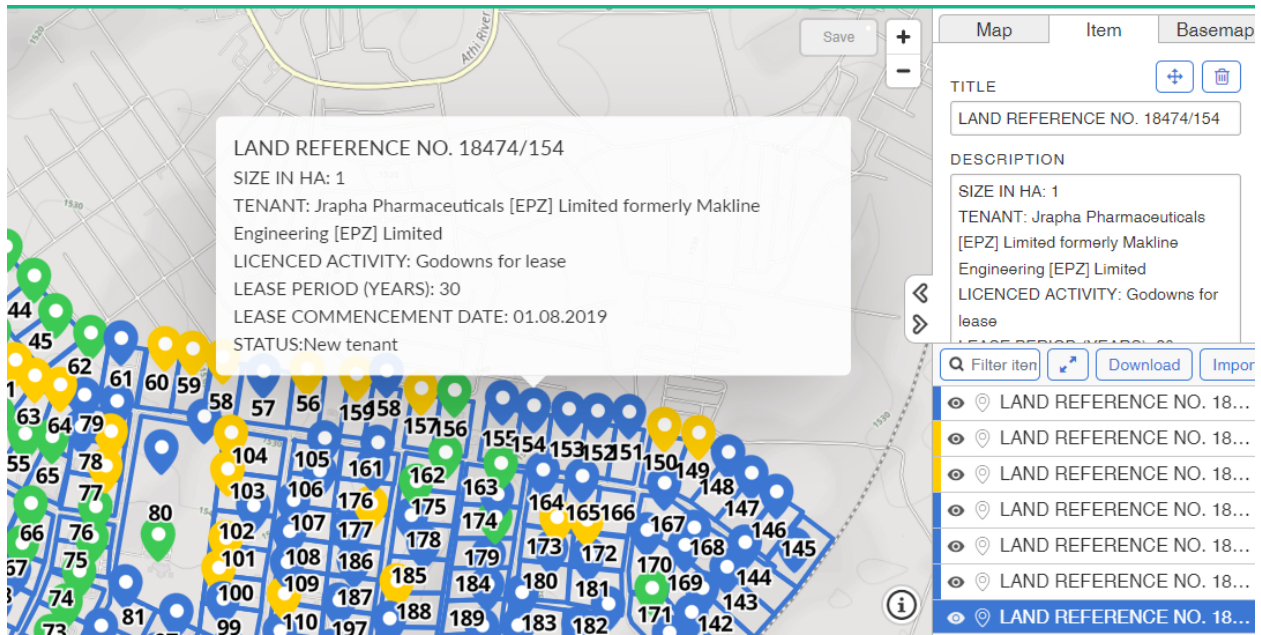
Live Map

Master Plan

The overlay of masterplan and plot layout of EPZA on Live Map

Zoom in On the Live Map

Case Study: Showing Information about one of the Investor Company

For each plot information given includes Land reference no, size in Hectares, tenant name, lease period, and status.

Color codes

Yellow	Green	Blue
Available for leasing	EPZA property/plot	Plot leased

The solution uses free online resource overlaid on existing master plan maps with details added to offer additional information on the uptake of the properties.