



Demo App

<https://ardexplorer.geodars.com/>

Introduction

Community

Market

Land Purchase

ARD EXPLORER
GUIDE TO SMARTER CITIES

Select Phase: - All -
Select Sector: - All -
Select Block: - All -
Select Plot: - All -

Community Market Land Purchase Find address or place

Explore your community like never before! This interactive web application is designed to give you complete access to the City's town plan, available plots, and community activities – all in one place. Use the navigation tabs to:

Explorer Market
Available plots for sale, rent. Tools and filter are available to assist in decision making

Land Purchases
How much land is purchased by City, status of each purchase

Community
Stay updated on upcoming events and submit or view complaints.

For any Queries, feel free to contact
shawaz@geodars.com
+92 314 4756740

GEODARS
Geography Data Analytics & Reporting Solutions

200 m
1,000 ft

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1. Filter Phase, Sector, Block, Plot data on Map
2. Change Background Map (i.e. Satellite Image, Street View, Topographic View etc.)
3. Measure Area / Length
4. Search and Find Locations
5. Click on Map feature to get more information

The screenshot displays the ARD Explorer web application interface. At the top, the header includes the ARD Explorer logo and the tagline "GUIDE TO SMARTER CITIES". Below the header, there are four dropdown menus for filtering data: "Select Phase" (labeled 1), "Select Sector", "Select Block", and "Select Plot", all currently set to "- All -". The main interface is divided into three tabs: "Community" (active), "Market", and "Land Purchase". On the left side, there is a "Basemap" panel (labeled 2) with options: "Dark Gray Base", "Imagery", "Imagery Hybrid", "Streets", "Topographic", "Navigation", "Streets (Night)", and "Terrain with Labels". In the center, a "Measure" panel (labeled 3) shows a distance of "1,397.96 m" and a "New measurement" button. On the right, a search bar (labeled 4) contains the text "1st" and displays a list of search results, including "1st & 3rd, General Santos City, South Cotabato, Soccsksargen, PHL" and "1st to 7th Avenue, Caloocan City, Metro Manila, National Capital Region, PHL". At the bottom, a map feature "Sports Gala" (labeled 5) is highlighted with a blue square icon. The bottom of the page features a footer with copyright information and a "Powered by Esri" logo.



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Community - Events & Notifications

- Events and notifications are displayed both on the map and in a list.
- Clicking an item in the list zooms to the corresponding location on the map.
- The list view can be enhanced with additional information and action buttons for each feature.

The screenshot displays the ARD Explorer web application interface. The top navigation bar includes the ARD Explorer logo, the text "GUIDE TO SMARTER CITIES", and four dropdown menus for "Select Phase", "Select Sector", "Select Block", and "Select Plot", all currently set to "- All -". Below the navigation bar is a search bar labeled "Find address or place". The main content area is divided into three tabs: "Community", "Market", and "Land Purchase". The "Community" tab is active, showing a sub-tab "Events". The "Events" sub-tab displays a list of three events:

- Sports Gala - July 4, 2025 at 5:00 AM**
Sports Gala is a fun-filled community event aimed at promoting fitness, teamwork, and social bonding. Residents of all ages are invited to participate in various sports and games for a day full of
- Community Gathering - July 17, 2025 at 5:00 AM**
"The function has been postponed due to unforeseen circumstances. A new date and time will be announced soon."
- Tree Plantation Day**
Tree Plantation Day is organized to promote environmental awareness and encourage residents to contribute to a greener and healthier community. Join us in planting trees across the society to

The "Tree Plantation Day" event is highlighted with a green background. To the right of the list is a map showing the location of the event. A pop-up window for "Tree Plantation Day" is open, showing a photo of people planting a tree and the following details:

Address	554 phase 2
Comments	Tree Plantation Day is organized to promote environmental awareness and encourage residents to

At the bottom of the interface, there is a scale bar (200 m / 500 ft) and a footer that reads "Esri Community Maps Contributors, Delray Beach GIS, FDEP, © OpenStreetMap, Microsoft, Esri, TomTom, ... Powered by Esri".



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Community - Complains

- Displays a list of registered complaints with their map locations.
- Users can view complaint details and track statuses directly from the map or list.
- Allows public data collection to register new complaints with location tagging

ARD EXPLORER
GUIDE TO SMARTER CITIES

Select Phase: - All - | Select Sector: - All - | Select Block: - All - | Select Plot: - All -

Community | Market | Land Purchase

Find address or place

Events | **Complains** | Layers

+ REGISTER COMPLAIN

Gas meter problem - 7/1/2025, 12:12 PM
The gas meter is not functioning properly. It may be showing incorrect readings, leaking, or completely non-operational. Requesting inspection

Garbage Collection - |
Description: Garbage has not been collected from the designated area for the past few days. The bins are overflowing, causing bad smell and

Garbage Collection

Zoom to

shutterstock.com · 1893911245

Comments

Description: Garbage has not been collected from the designated area for the past few days. The bins are

Total: 2 | Selection: 1

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COMPLAINS

Create features

Settings

Complains

Phase

Sector

addresses

Comments

created_user

Create



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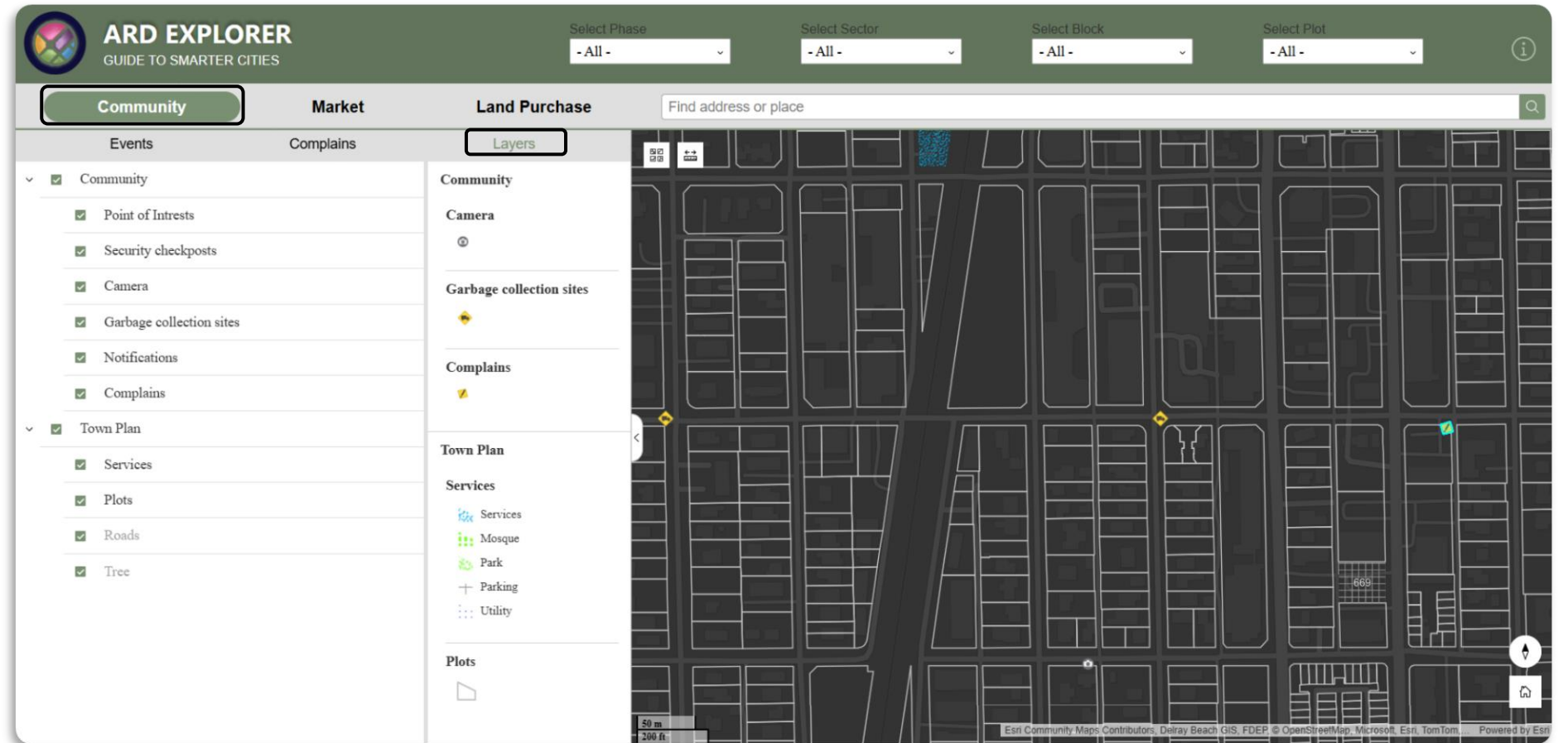
Market

Layers

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Community - Layers Panel

- Easily turn map information on or off as needed
- Focus only on the property details relevant to your task
- The map automatically adjusts what you see as you zoom in or out





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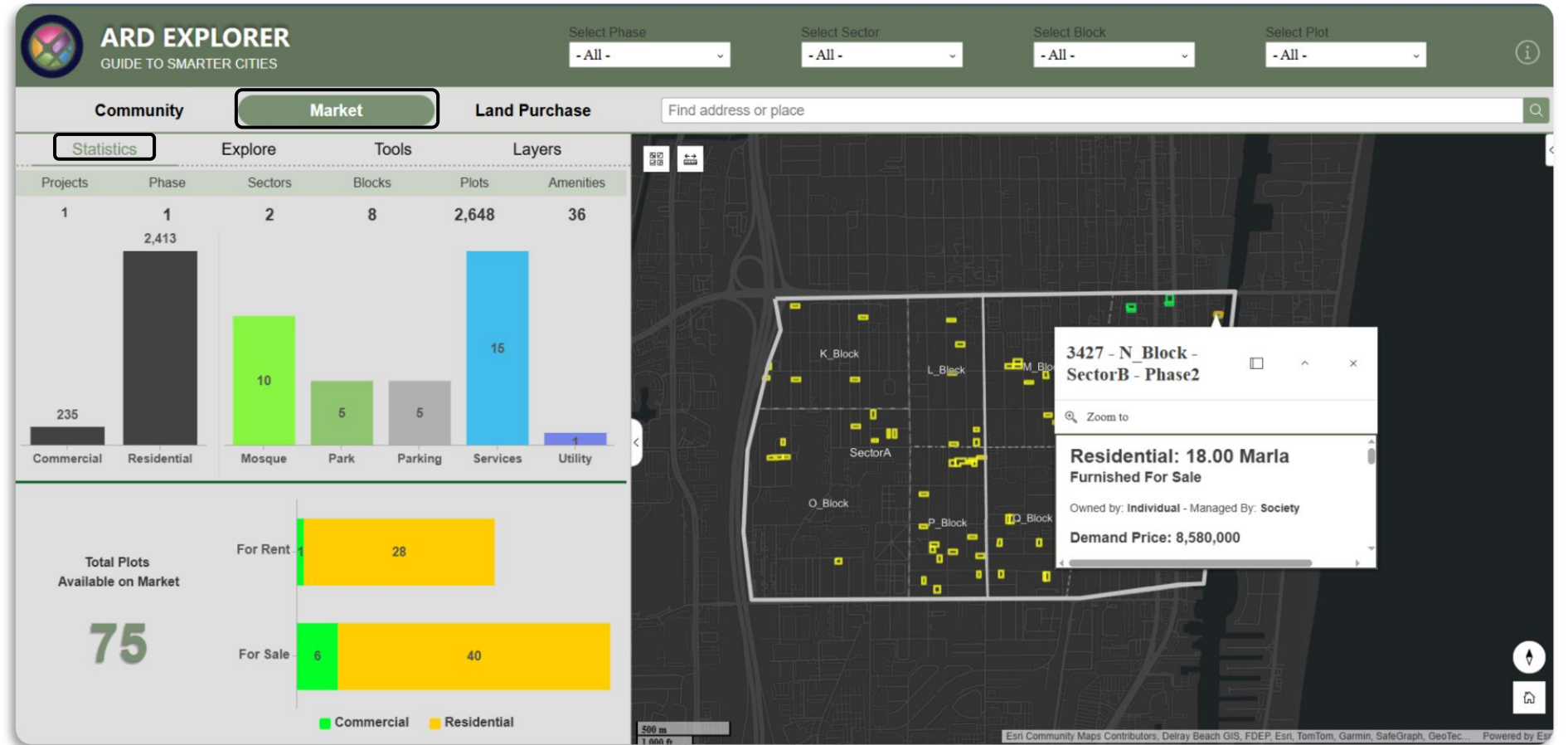
Explore

Tools

Layers

Market - Statistics

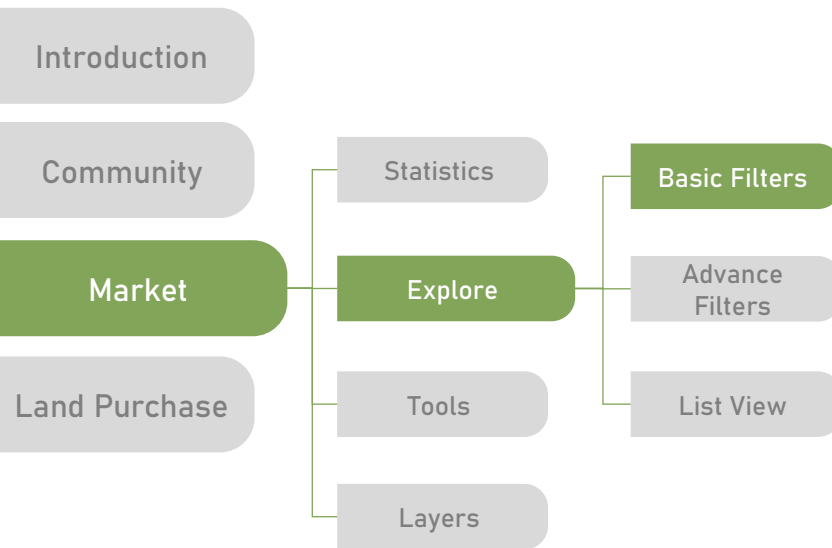
- View Town plan Overview at a glance
- Understand how many properties are available for sale or rent
- Use visual charts to quickly assess market availability





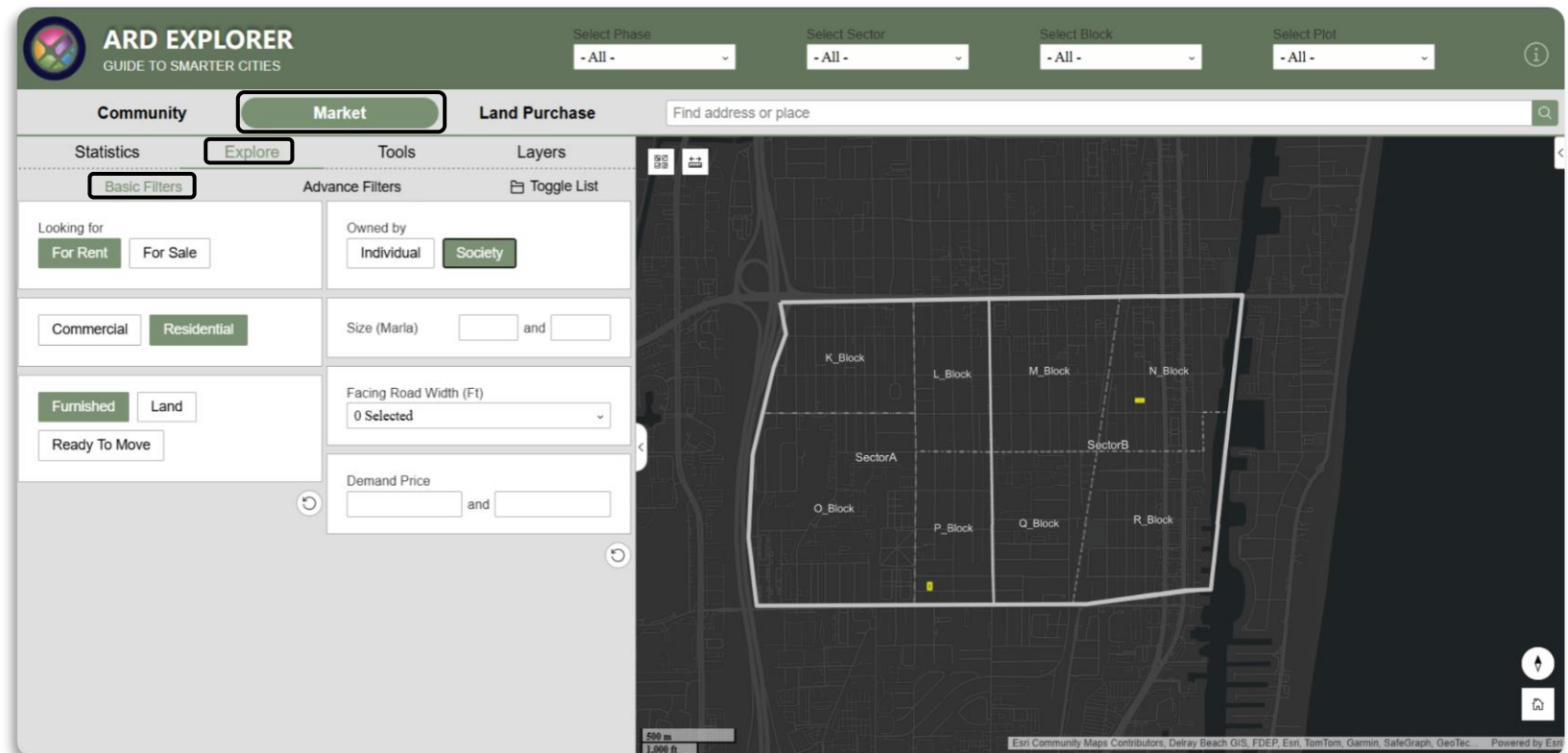
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Market – Explore – Basic Filters

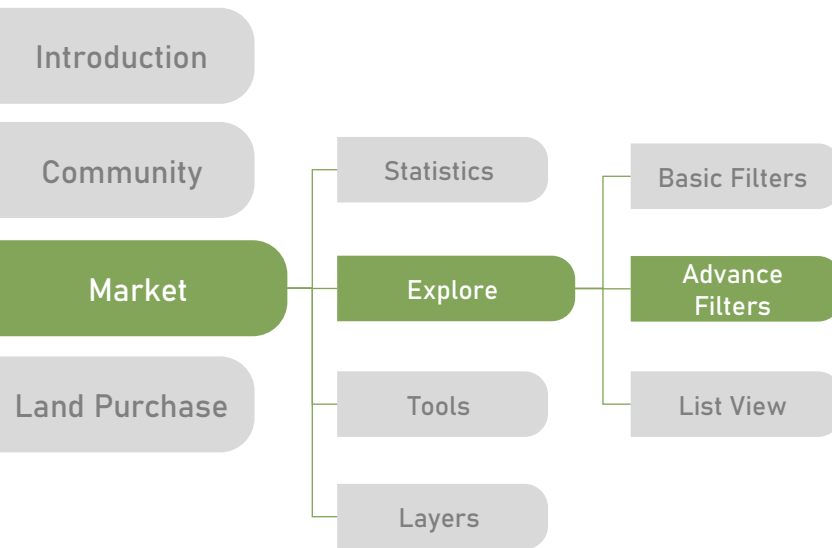
- Narrow down plots by sale or rent, commercial or residential use
- Filter properties by construction status and ownership type
- Quickly find properties that match specific needs





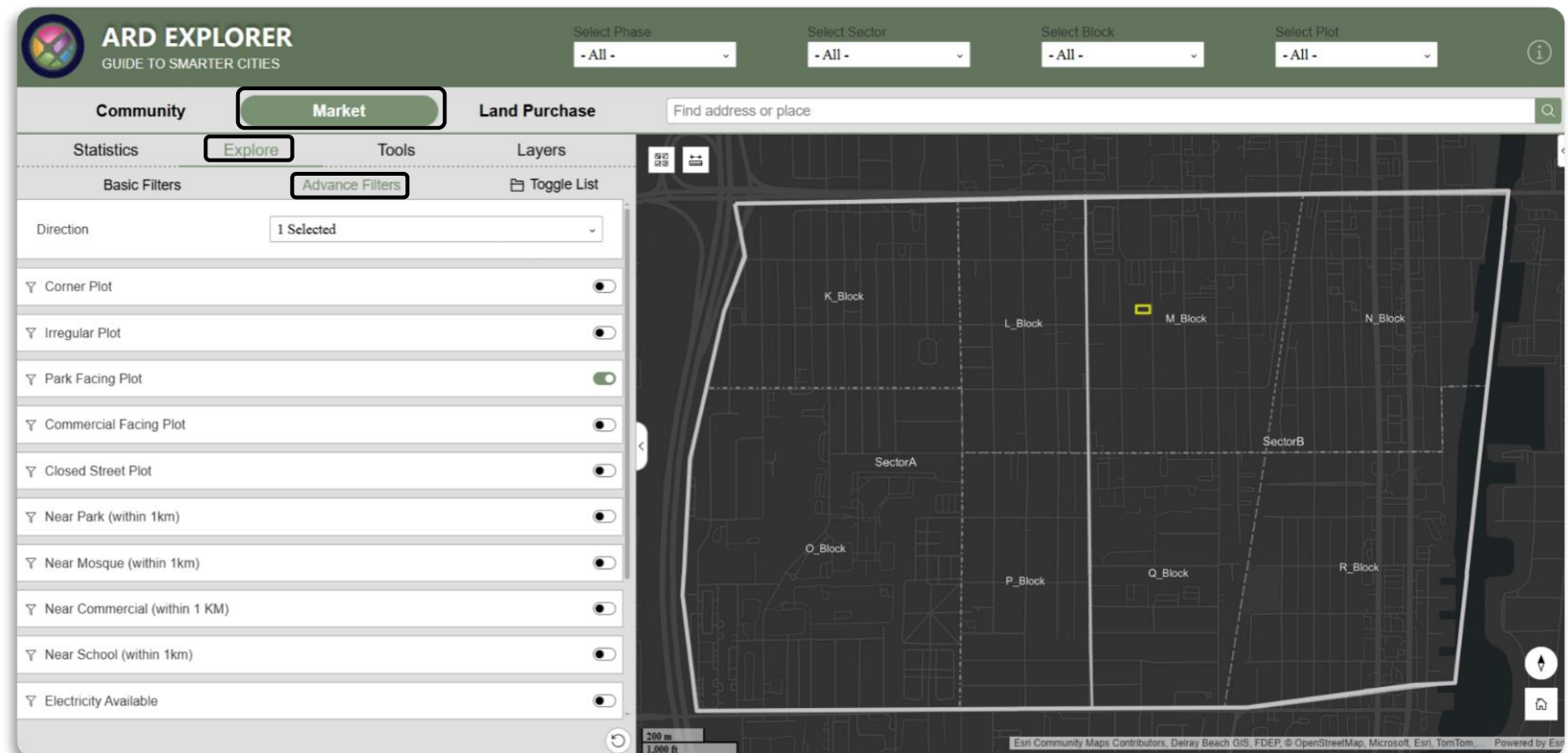
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Market – Explore – Advance Filters

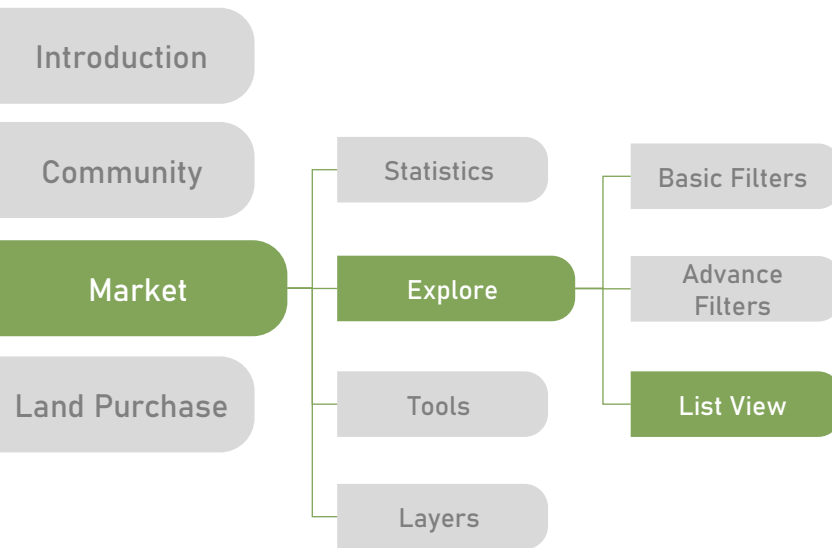
- Identify plots near key amenities such as commercial areas and parks
- Filter properties based on location advantages like park-facing or commercial-facing
- Select plots by infrastructure features such as road width, internet, and electricity availability





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Market – Explore – Toggle List

- View all filtered plots in a clear, easy-to-scan list
- Select a property from the list to instantly locate it on the map
- Click on a plot to access detailed property information

The screenshot displays the ARD Explorer web application interface. The top navigation bar includes tabs for Community, Market (selected), and Land Purchase. Below the Market tab, the 'Explore' sub-tab is active, and the 'Toggle List' button is highlighted. The left sidebar contains filters for Basic Filters and Advance Filters. The main map area shows a grid of plots with plot numbers and names like ALLIED_SCHOOL and HASSAN_SCHOOL. A plot with number 5712 is highlighted with a yellow border. The right sidebar lists property details for the selected plot, including its location, type, and price.

ARD EXPLORER
GUIDE TO SMARTER CITIES

Select Phase: - All - | Select Sector: - All - | Select Block: - All - | Select Plot: - All -

Community | **Market** | Land Purchase

Find address or place

Statistics | **Explore** | Tools | Layers

Basic Filters | Advance Filters | **Toggle List**

Direction: 4 Selected

Corner Plot: ☒ | Irregular Plot: ☐ | Park Facing Plot: ☐ | Commercial Facing Plot: ☐ | Closed Street Plot: ☐ | Near Park (within 1km): ☐ | Near Mosque (within 1km): ☐ | Near Commercial (within 1 KM): ☐ | Near School (within 1km): ☐ | Electricity Available: ☐

5712 - L_Block - SectorA - Phase2
Residential 25.00 Marla Furnished
For Sale
Owned by: Individual
Demand Price: 9,650,000.00

6434 - L_Block - SectorA - Phase2
Residential 25.00 Marla Ready To Move
For Rent
Owned by: Individual
Demand Price: 107,000.00

6966 - P_Block - SectorA - Phase2
Residential 25.00 Marla
For Sale
Owned by:
Demand Price:

8451 - M_Block - SectorB - Phase2
Residential 30.00 Marla Ready To Move
For Rent
Owned by: Society
Demand Price: 96,000.00

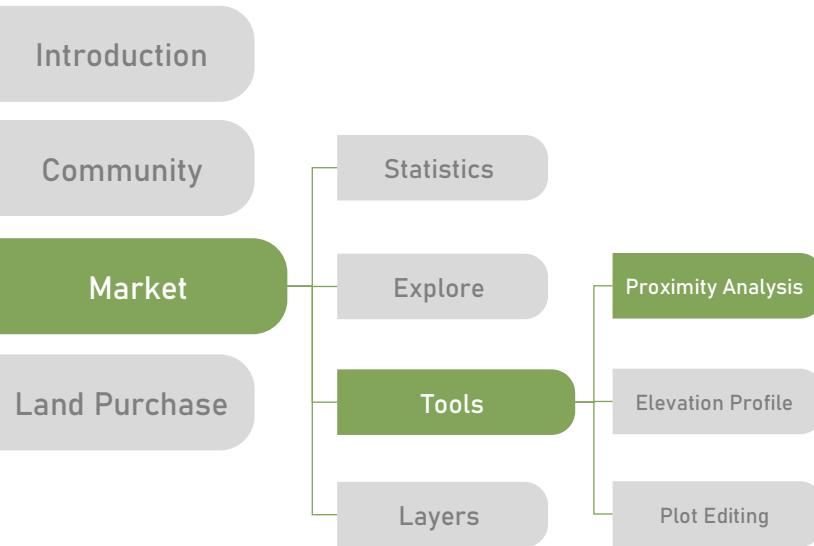
8498 - P_Block - SectorA - Phase2
Residential 30.00 Marla Furnished
For Sale
Owned by: Individual

Total: 13 | Selection: 0



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Market – Tools – Proximity Analysis

- Analyze what is available around a selected location within a chosen distance
- View nearby amenities such as parks, mosques, and essential services
- See a clear summary of available plots, grouped by residential or commercial and sale or rent

ARD EXPLORER
GUIDE TO SMARTER CITIES

Select Phase: - All - | Select Sector: - All - | Select Block: - All - | Select Plot: - All -

Community | **Market** | Land Purchase

Find address or place

Statistics | Explore | **Tools** | Layers

Proximity Analysis | Elevation Profile | Edit Plots

Location: 500 Meters

Input location: 348 SW 4th Ave, Delray Beach, Florida, 33444

Amenities: 13

Mosque	6	>
Park	2	>
Services	4	>
Utility	1	>

Plots on Market: 23

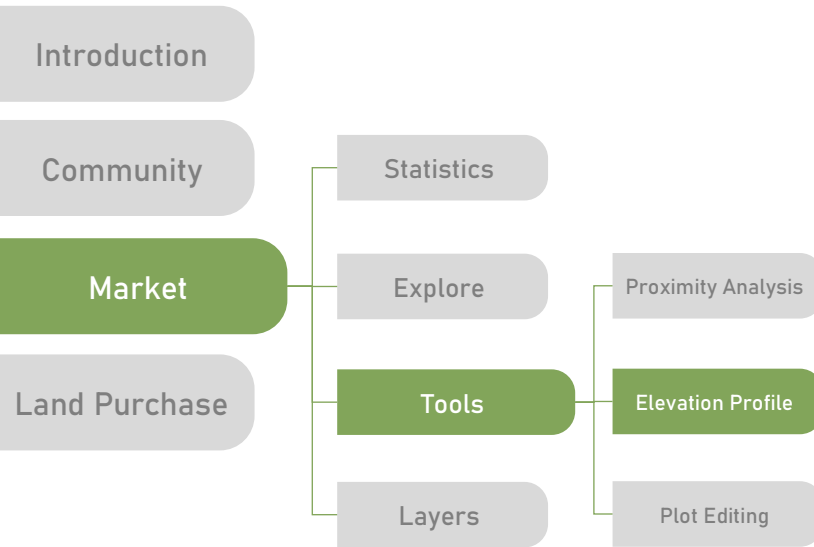
Residential	23	>
-------------	----	---

The map displays a grid of plots with a green circle indicating the 500-meter radius around the input location. Plots are color-coded: yellow for residential, green for commercial, and blue for industrial. A legend at the bottom right shows the color coding for Residential (Yellow), Commercial (Green), and Industrial (Blue).



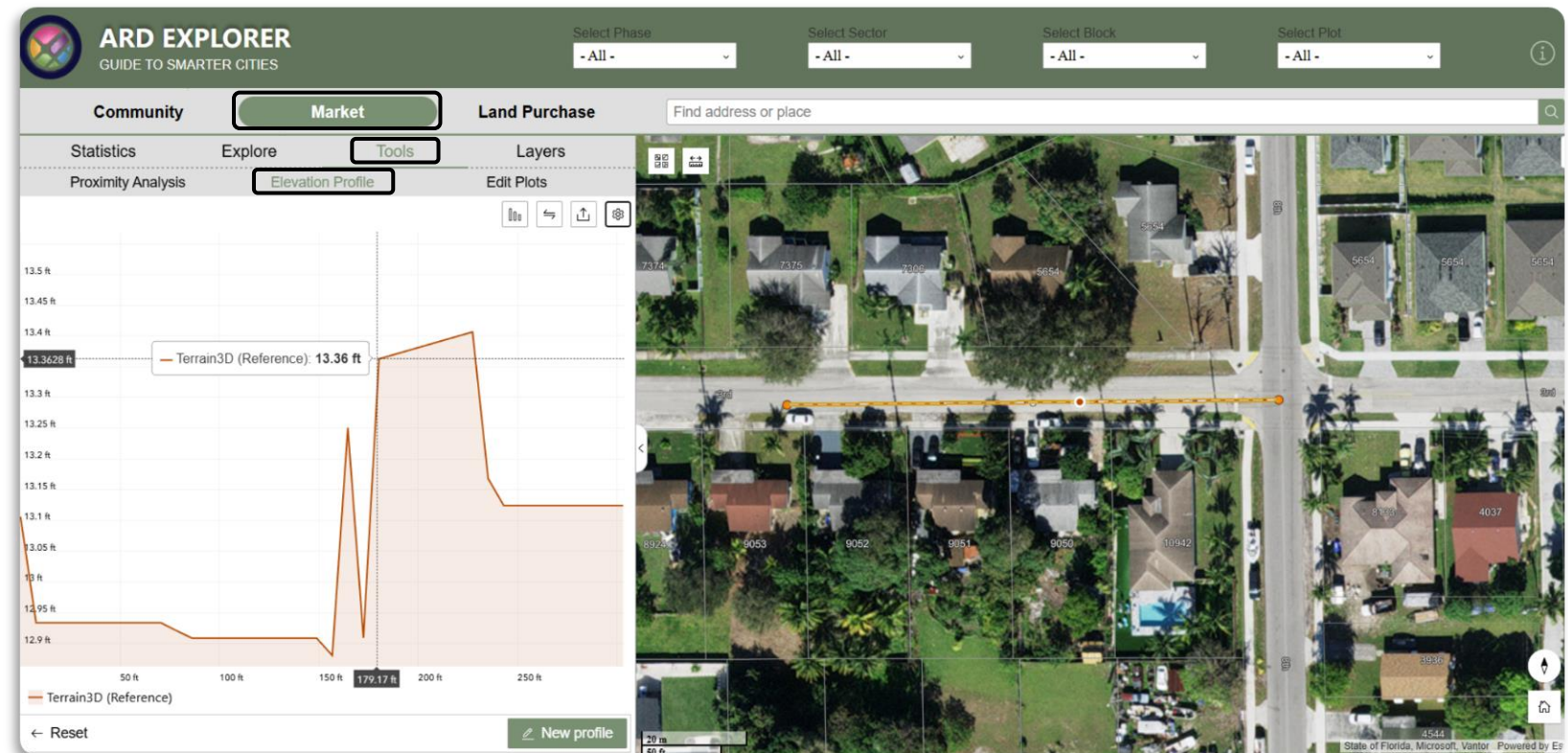
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Market – Tools – Elevation Profile

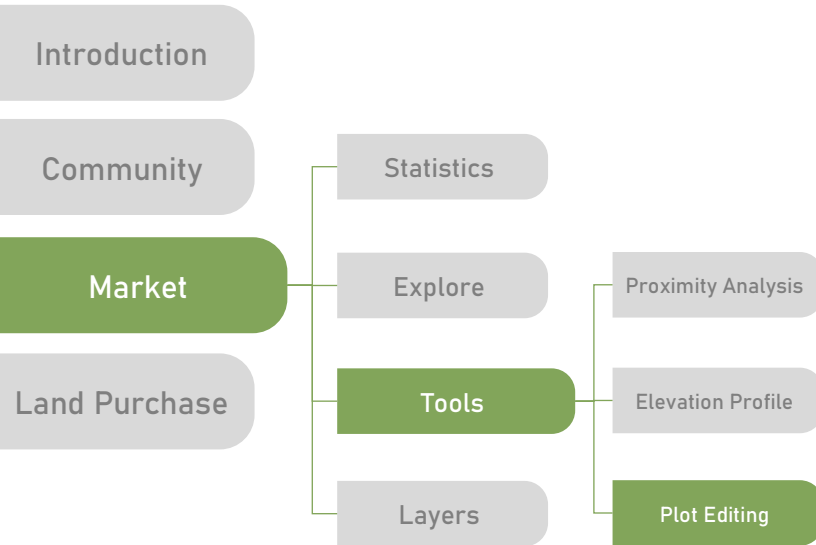
- Draw a line on the map to generate an interactive elevation chart
- Hover over the chart to view corresponding location markers on the map
- Customize units and export elevation data for further analysis





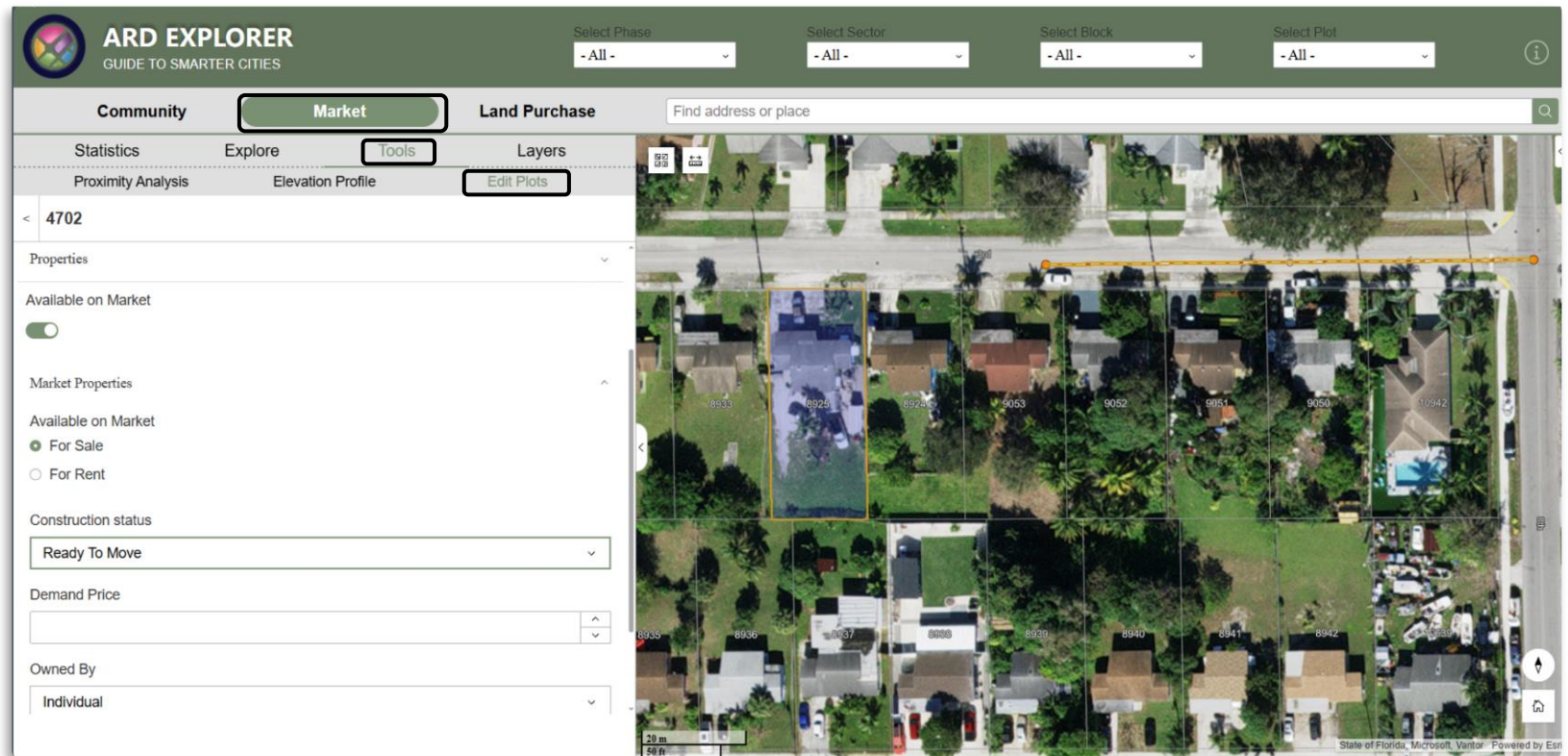
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Market – Tools – Edit Plots

- Add or remove plots from the market with ease
- Update property details, demand price, and associated attributes
- Upload images and manage visual content for better property representation





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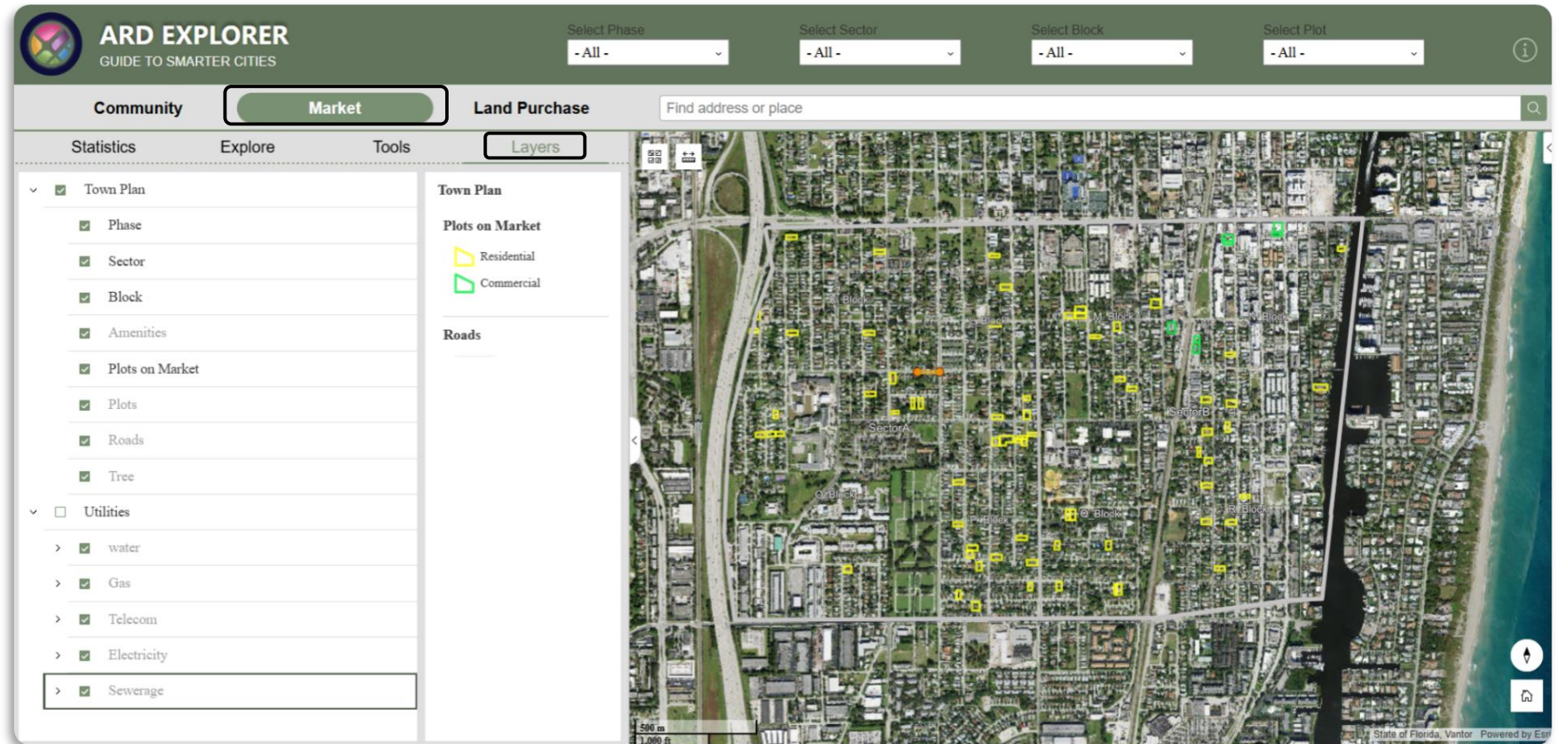
Explore

Tools

Layers

Market - Layers

- Toggle layers such as Town Plan and Utilities for better map visualization
- Layers appear or disappear dynamically based on user interaction and map extent
- Legend displays keys for visible items within the current map view for clarity





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Summary

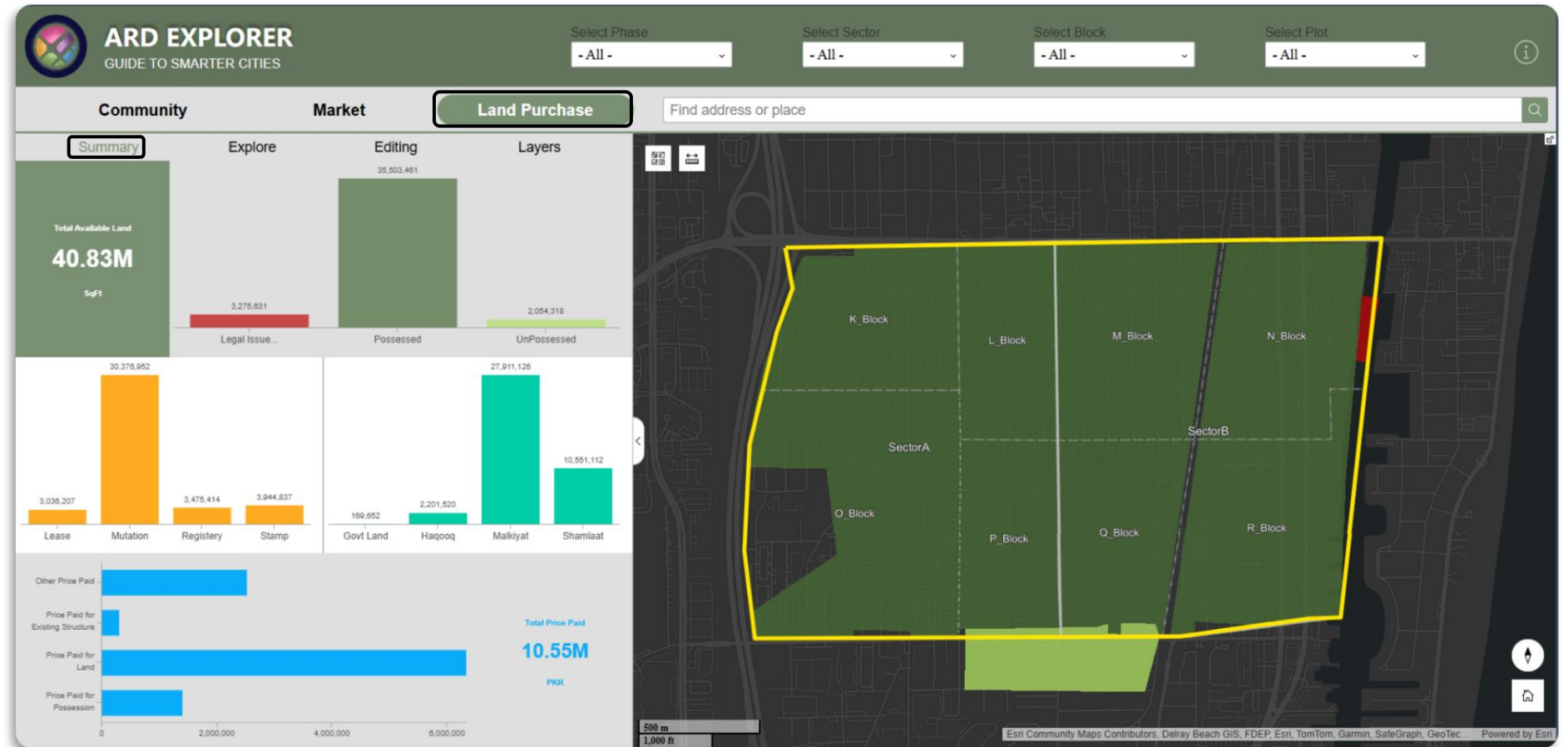
Explore

Editing

Layers

Land Purchase - Summary

- Monitor total purchased land with detailed metrics and visual charts
- Break down purchases by land type, record type, and transaction status
- Interactive graphs allow filtering of charts and map by clicking on any item





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Land Purchase - Explore

- Browse a comprehensive list of purchased land entries with key details
- Access full property information and attached documents by selecting a list item or map feature
- Seamless navigation between summary view and detailed records for better decision-making

The screenshot displays the ARD Explorer web application interface. The top navigation bar includes the ARD Explorer logo, the tagline "GUIDE TO SMARTER CITIES", and four dropdown menus for "Select Phase", "Select Sector", "Select Block", and "Select Plot", all currently set to "- All -". Below the navigation bar, there are tabs for "Community", "Market", and "Land Purchase", with "Land Purchase" being the active tab. Under the "Land Purchase" tab, there are sub-tabs for "Summary", "Explore", "Editing", and "Layers", with "Explore" being the active sub-tab. A search bar labeled "Find address or place" is located to the right of the sub-tabs. The main content area is divided into a list of land entries on the left and a map on the right. The list of land entries includes details such as area, land provider, mutation number, date, and land status. The map shows a grid of land blocks labeled L_Block, M_Block, N_Block, P_Block, Q_Block, and R_Block, with a yellow boundary highlighting a specific area. On the right side of the map, a "Document" panel is open, showing details for "Document Number: 3457", including a "Zoom to" button and a table of property information.

Document Number: 3457	
Zoom to	
Possessed	
1906Kanal Land is Mutation with Mutation Number 3457	
Title	3457
Land Status	Possessed
Project	ArdExplorer
Phase	Phase2
Mutation/Registry Date	7/21/25
Mutation/Registry Number	3457
Record Provider Patwari Name	Hamza
Record Status	Mutation
Land Provider	Shawaz
Land Provider Details	Bulk Land Provider
Land Provider Contact	923144756740



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Land Purchase - Editing

- Add new land purchase records with complete details and geometry
- Edit existing purchases, update properties, and modify spatial data
- Attach supporting documents for accurate and organized record-keeping

The screenshot displays the ARD Explorer web application interface. The top navigation bar includes the ARD Explorer logo and the tagline "GUIDE TO SMARTER CITIES". Below this, there are four dropdown menus for "Select Phase", "Select Sector", "Select Block", and "Select Plot", all currently set to "- All -". A search bar labeled "Find address or place" is also present.

The main content area is divided into two sections. On the left, there is a sidebar with tabs for "Community", "Market", and "Land Purchase". The "Land Purchase" tab is selected, and within it, the "Editing" sub-tab is active. The "Editing" sub-tab contains a form for editing a land purchase record. The form fields include:

- Land Status***: A dropdown menu currently set to "Possessed".
- Title**: A text input field containing "4578".
- Description**: A text input field containing "272Kanal Land is Mutation with Mutation Number 4578".
- Project**: A text input field containing "ArdExplorer".
- Phase**: A text input field containing "Phase2".
- Mutation/Registry Number**: A text input field containing "4567".
- Mutation/Registry Date**: A text input field.

At the bottom of the form, there are two buttons: "Update" and "Delete".

On the right side of the interface, there is a map showing a green polygon representing a land parcel. The map is overlaid with a grid and labels for "SectorA", "SectorB", "L_Block", "M_Block", "P_Block", and "Q_Block". A scale bar at the bottom left indicates distances of 200 m and 500 ft. The bottom right corner of the map shows the text "Esri Community Maps Contributors, Delray Beach GIS, FDEP © OpenStreetMap, Mic... Powered by Esri".



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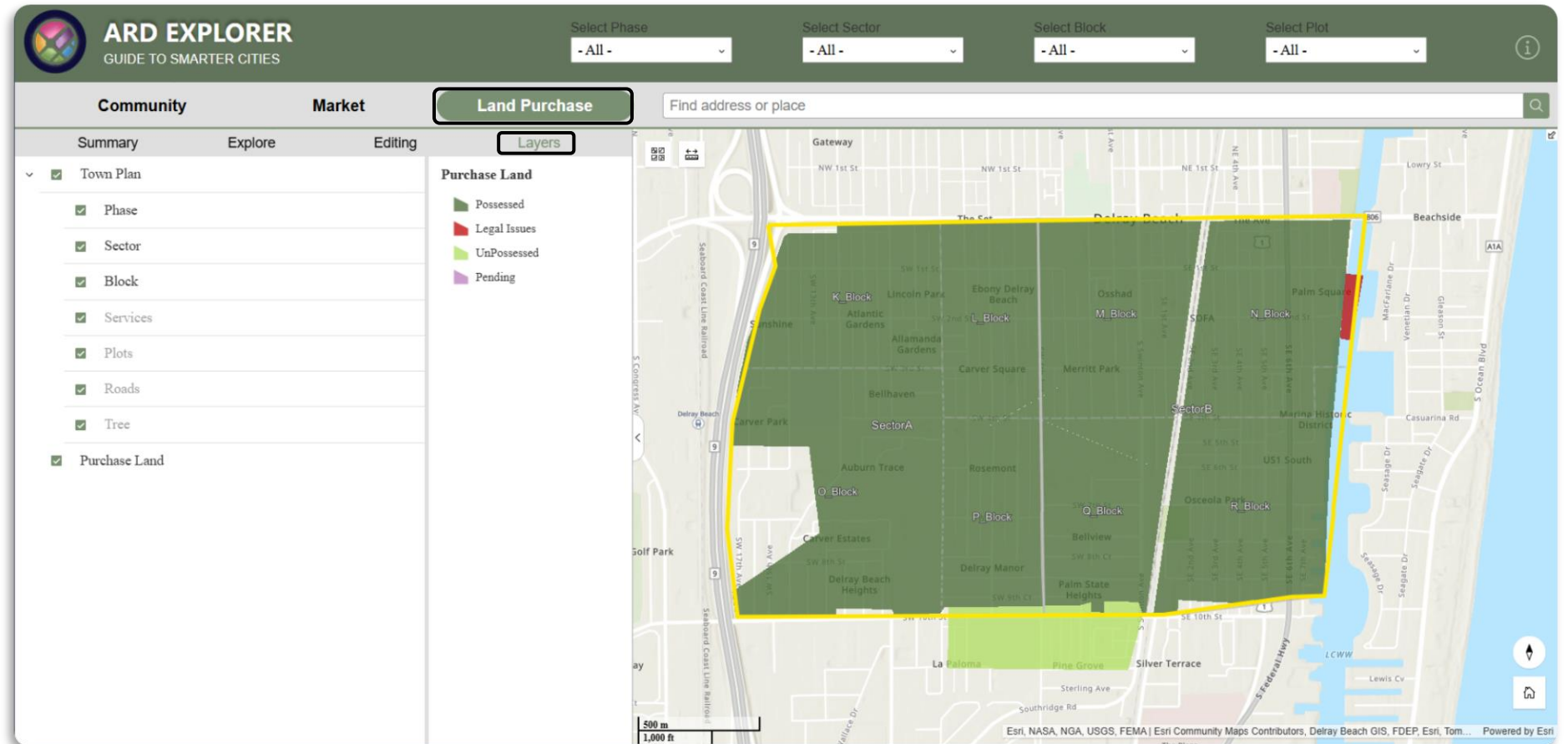
Explore

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Land Purchase – Layer Panel

- Toggle layers such as Town Plan and Purchased Land for better map visualization
- Layers appear or disappear dynamically based on user interaction and map extent
- Legend displays keys for visible items within the current map view for clarity





Fully Customizable Solution As Per Client Needs

Add or remove map layers based on client needs

- e.g., plots, utilities, roads, amenities, etc.

Configure visible information for each layer

- customize attribute fields shown to users

Modify design and branding

- colors, logos, layout, and overall theme can be tailored

Customizable map filters

- e.g., filter plots by size, price, availability, or any other custom criteria

User Access Control Define public vs internal user access

- Restrict or allow specific features for different user roles