ClimateSage Platform: Complete Site Map & User Flow v3.3

This document provides a comprehensive overview of the application's structure and the pathways users will take to navigate it. It serves as a blueprint for both UI/UX design and front-end development.

Part 1: Public-Facing Site

These pages are accessible to anyone on the internet and are designed for marketing, education, and lead generation.

```
/
├── /features        # Detailed marketing page explaining platform benefits.
├── /pricing         # Pricing tiers and subscription information.
├── /resources
│   ├── /blog        # Articles on ESG, UAE regulations, etc.
│   └── /faq         # Frequently Asked Questions.
├── /request-demo    # The primary call-to-action and entry point for new organizations.
└── /login           # Entry point for existing, authenticated users.
```

User Flow & Interrelations:

- Entry Point: A prospective user lands on the homepage (/) and explores the /features and /pricing pages.

- Conversion: Convinced of the value, they navigate to /request-demo, fill out a form, and submit it. This action triggers the invitation workflow.

- Existing User Access: A returning user bypasses the marketing site and goes directly to /login to access the application.

Part 2: Authenticated Application (/app)

This is the core platform accessible only after a user logs in. All URLs below are prefixed with /app.

```
/app/
├── dashboard/       # Default view after login.
├── data-wizard/     # The core data collection engine.
├── reports/
│   ├── /report-builder     # Main interface for creating reports.
│   └── /generated-reports  # A list of previously generated reports.
├── settings/
```

```
│   ├─ /organization        # Edit company profile, sector, etc.
│   ├─ /locations          # Manage sites and sub-locations.
│   ├─ /users             # Invite and manage user roles and permissions.
│   └─ /frameworks         # View active frameworks and opt-in to new ones.
└─ support/
    ├─ /knowledge-base       # Detailed help articles and tutorials.
    └─ /ticket-system        # Submit and track support requests.
```

Detailed Page Flows & Interrelations

1. /dashboard/

- Entry Flow: This is the default landing page for any logged-in user. For a first-time user, they are redirected to the /data-wizard/ after initial setup.

- Core Functionality:

  - Stakeholder Lens Selector: A prominent dropdown menu allows the user to switch between different dashboard views (e.g., "Owner/C-Suite," "Regulator," "Investor"). The application remembers the user's last selected lens.

  - Time Period Selector: Filters allow the user to view data for a specific Month, Quarter, or Year.

  - Framework Filter: A set of toggles allows the user to view data for "All Frameworks," "ESG Only," "DST Only," or "Green Key Only."

  - Widgets: The dashboard is composed of dynamic widgets (KPI cards, charts, risk heatmaps) that re-render based on the selected filters.

- Interrelations:

  - Pulls Data From: data_records table. Every widget is a visual representation of the data entered in the /data-wizard/.

  - Drill-Down: Clicking on a specific KPI (e.g., "Energy Usage") can navigate the user to a more detailed analytical view or directly to the relevant entries in the /data-wizard/ to see the source data.

  - Triggers Action: A "Compliance Incomplete" warning widget would link directly to the /data-wizard/ to prompt the user to fill in missing data.

2. /data-wizard/

- Entry Flow: A user can access this from the main navigation, or they can be directed here from a dashboard widget (e.g., "Complete Your Waste Data"). A new user is automatically routed here for their initial data entry.

- Core Functionality:

- o A step-by-step questionnaire.
- o Questions are dynamically generated based on the organization's active frameworks and industry profile.
- o Integrated evidence upload fields appear alongside relevant questions.
- Interrelations:
  - o Populates: This is the engine that feeds the entire application. Every piece of data entered here is stored in the data_records table.
  - o Impacts: Directly updates the /dashboard/ in real-time and provides the source data for the /reports/ section.
  - o Pulls From: The questions and question_tags tables determine what questions to show. The organization_frameworks table determines which tags to filter by.

3. /reports/

- Entry Flow: User navigates here from the main menu.
- Core Functionality:
  - o Allows the user to select a report type (e.g., "Annual ESG Report," "Monthly DST Submission," "Green Key Audit Package").
  - o User selects the relevant time period.
  - o The system generates a presentation-ready PDF document.
- Interrelations:
  - o Pulls Data From: Queries the data_records and evidence_files tables, filtering by the selected framework and time period. The template used for generation is dependent on the report type selected.

4. /settings/

- .../organization: Edits the core company profile stored in the organizations table.
- .../locations: Manages sites and sub-locations. This directly interacts with the sites table, including the parent_site_id to create the hierarchy.
- .../users: The org_admin can send invitations (populating the invitations table) and manage existing users' roles and site access (modifying the user_permissions table).
- .../frameworks: Displays a list of all possible frameworks from the frameworks table. It shows which are active for the organization (from organization_frameworks) and allows the user to toggle voluntary ones, which inserts or updates rows in the organization_frameworks table.

This site map provides a clear blueprint for building a user-centric and logically sound application, where every section is purposefully interconnected to create a seamless and powerful user experience.