



# YEMEN ECONOMIC COMPASS - COMPLETE SITE MAP

## Full Tree Structure - Every Page, Tab, Sub-Tab, Sub-Sub-Tab

**Version:** Ultimate Comprehensive v1.0

**Date:** November 28, 2025

**Coverage:** 2010-2025 (15 years of complete data)

**Languages:** Bilingual (English/Arabic throughout)



## SITE ARCHITECTURE OVERVIEW

### LEVEL 1: MAIN NAVIGATION (Top Menu)

Plain Text

HOME | ABOUT | COMPASS | STAKEHOLDERS | RESOURCES |



## 1. HOME PAGE ( / )

**Purpose:** Landing page with key metrics and navigation

### 1.1 Hero Section

- 1.1.1 Current FX Rate (YER/USD) - Live data
- 1.1.2 Beneficiaries Count - 8.2M
- 1.1.3 Humanitarian Aid (2024) - \$2.4B
- 1.1.4 CTA Button: "Explore Platform"

### 1.2 Choose Your Journey (3 pathways)

- 1.2.1 Researchers & Analysts
  - 1.2.1.1 Financial Literature Library

- **1.2.1.2** Data & Indicators
- **1.2.1.3** Policy Recommendations
- **1.2.2** Central Bank of Yemen
  - **1.2.2.1** Monetary Policy Tools
  - **1.2.2.2** Banking Supervision
  - **1.2.2.3** FX Auctions
- **1.2.3** International Institutions
  - **1.2.3.1** Donor Coordination
  - **1.2.3.2** Aid Tracking
  - **1.2.3.3** Investment Opportunities

## **1.3 Data Sources (Logos)**

- **1.3.1** Sana'a Center
- **1.3.2** CBY
- **1.3.3** UN OCHA
- **1.3.4** IMF
- **1.3.5** World Bank

## **1.4 Quick Access (6 cards)**

- **1.4.1** Dashboard
- **1.4.2** Key Indicators
- **1.4.3** Financial Flows
- **1.4.4** Reports
- **1.4.5** Stakeholders
- **1.4.6** Tools

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## **2. ABOUT ( /about )**

**Purpose:** Platform information and methodology

### **2.1 About CauseWay**

- **2.1.1** Company Overview

- **2.1.2** Mission & Vision
- **2.1.3** Team
- **2.1.4** Contact Information

## **2.2 About Yemen Compass**

- **2.2.1** Platform Purpose
- **2.2.2** Methodology
- **2.2.3** Data Sources
- **2.2.4** Update Frequency

## **2.3 CauseWay Divisions (7 divisions)**

- **2.3.1** Business Services
  - **2.3.2** Financial & Banking Consultancies
  - **2.3.3** Workspaces
  - **2.3.4** Consultancies
  - **2.3.5** Kayan'al Yemen Platform
  - **2.3.6** Event Management
  - **2.3.7** Compass Yemen (Current Platform)
- 



## **3. COMPASS ( /compass )**

**Purpose:** Main analytical platform with all tools and data

### **3.1 Dashboard ( /compass/dashboard )**

- **3.1.1** Overview Metrics
  - **3.1.1.1** FX Rate Timeline Chart
  - **3.1.1.2** Poverty Rate Gauge
  - **3.1.1.3** Inflation Rate Gauge
  - **3.1.1.4** Food Insecurity Gauge
  - **3.1.1.5** GDP Trend Chart
- **3.1.2** Recent Events (Latest 5)
- **3.1.3** Quick Stats Cards (6 metrics)

- **3.1.4** Data Source Attribution

## **3.2 Timeline ( /compass/timeline )**

### **Complete event timeline 2010-2025**

- **3.2.1** Filter Controls
  - **3.2.1.1** Year Range Slider (2010-2025)
  - **3.2.1.2** Category Filter (8 categories)
  - **3.2.1.3** Impact Level Filter (4 levels)
  - **3.2.1.4** Search Box
- **3.2.2** Timeline Visualization
  - **3.2.2.1** Vertical Timeline View
  - **3.2.2.2** Event Cards (78 events)
    - **3.2.2.2.1** Date
    - **3.2.2.2.2** Title (EN/AR)
    - **3.2.2.2.3** Category Badge
    - **3.2.2.2.4** Impact Badge
    - **3.2.2.2.5** Description
    - **3.2.2.2.6** Related Stakeholders
- **3.2.3** Year Breakdown
  - **3.2.3.1** 2010 Events
  - **3.2.3.2** 2011 Events (Arab Spring)
  - **3.2.3.3** 2012 Events
  - **3.2.3.4** 2013 Events
  - **3.2.3.5** 2014 Events (Houthi takeover)
  - **3.2.3.6** 2015 Events (War begins)
  - **3.2.3.7** 2016 Events (CBY split)
  - **3.2.3.8** 2017 Events (Currency crisis)
  - **3.2.3.9** 2018 Events (Aden collapse)
  - **3.2.3.10** 2019 Events (Parallel currency)
  - **3.2.3.11** 2020 Events (COVID-19)
  - **3.2.3.12** 2021 Events (IMF SDR)

- **3.2.3.13** 2022 Events (Truce)
- **3.2.3.14** 2023 Events
- **3.2.3.15** 2024 Events (Sanctions)
- **3.2.3.16** 2025 Events (Current)

## **3.3 Indicators ( /compass/indicators )**

### **Economic & humanitarian indicators with time series**

- **3.3.1** Macro Indicators
  - **3.3.1.1** GDP (USD Billions) - 2010-2025
  - **3.3.1.2** GDP Per Capita
  - **3.3.1.3** GDP Growth Rate (%)
  - **3.3.1.4** Inflation Rate (%) - Aden vs Sana'a
  - **3.3.1.5** Unemployment Rate (%)
- **3.3.2** Monetary Indicators
  - **3.3.2.1** FX Rate (YER/USD) - Aden
  - **3.3.2.2** FX Rate (YER/USD) - Sana'a
  - **3.3.2.3** FX Rate Spread (%)
  - **3.3.2.4** Money Supply (M2)
  - **3.3.2.5** Foreign Reserves (USD)
- **3.3.3** Humanitarian Indicators
  - **3.3.3.1** Poverty Rate (%)
  - **3.3.3.2** Food Insecurity (%)
  - **3.3.3.3** Humanitarian Aid (USD)
  - **3.3.3.4** IDPs (Internally Displaced)
  - **3.3.3.5** Refugees
- **3.3.4** Financial Sector Indicators
  - **3.3.4.1** Banking Assets (USD)
  - **3.3.4.2** Microfinance Borrowers
  - **3.3.4.3** Digital Payment Adoption (%)
  - **3.3.4.4** Financial Inclusion (%)
  - **3.3.4.5** Remittances (USD)

- **3.3.5 Visualization Options**
  - **3.3.5.1 Line Chart**
  - **3.3.5.2 Bar Chart**
  - **3.3.5.3 Area Chart**
  - **3.3.5.4 Comparison View**
  - **3.3.5.5 Data Table**
  - **3.3.5.6 Export (CSV/Excel/PDF)**

## **3.4 Financial Flows ( /compass/financial-flows )**

### **Money movement visualization and analysis**

- **3.4.1 Network Visualization**
  - **3.4.1.1 Sankey Diagram**
  - **3.4.1.2 Force-Directed Graph**
  - **3.4.1.3 Chord Diagram**
- **3.4.2 Flow Categories**
  - **3.4.2.1 Humanitarian Aid Flows**
  - **3.4.2.2 Remittance Flows**
  - **3.4.2.3 Trade Flows**
  - **3.4.2.4 Government Revenue**
  - **3.4.2.5 Banking Flows**
- **3.4.3 Actor Analysis**
  - **3.4.3.1 CBY-Aden Flows**
  - **3.4.3.2 CBY-Sana'a Flows**
  - **3.4.3.3 UN Agency Flows**
  - **3.4.3.4 Donor Flows**
  - **3.4.3.5 Money Exchanger Flows**

## **3.5 Policy Recommendations ( /compass/policy )**

### **Evidence-based policy recommendations**

- **3.5.1 Filter by Category**
  - **3.5.1.1 Monetary Policy**
  - **3.5.1.2 Financial Sector**

- **3.5.1.3** Humanitarian
- **3.5.1.4** Governance
- **3.5.2** Recommendation Cards (10+)
  - **3.5.2.1** Unify Central Bank
  - **3.5.2.2** Digital Payment Infrastructure
  - **3.5.2.3** Regulate Money Exchangers
  - **3.5.2.4** Microfinance Expansion
  - **3.5.2.5** Aid Coordination
  - **3.5.2.6** Banking Supervision
  - **3.5.2.7** Currency Stabilization
  - **3.5.2.8** Financial Inclusion
  - **3.5.2.9** Transparency Measures
  - **3.5.2.10** Capacity Building
- **3.5.3** Recommendation Details
  - **3.5.3.1** Evidence Base
  - **3.5.3.2** Implementation Steps
  - **3.5.3.3** Expected Impact
  - **3.5.3.4** Risks
  - **3.5.3.5** Timeline
  - **3.5.3.6** Stakeholders
  - **3.5.3.7** Feasibility
  - **3.5.3.8** Urgency

## **3.6 Tools & Calculators ( </compass/tools> )**

### **Interactive analytical tools**

- **3.6.1** Currency Converter
  - **3.6.1.1** YER ↔ USD
  - **3.6.1.2** Historical Rates
  - **3.6.1.3** Rate Comparison (Aden vs Sana'a)
- **3.6.2** Inflation Calculator
  - **3.6.2.1** Real vs Nominal Values

- **3.6.2.2** Purchasing Power
  - **3.6.2.3** Basket of Goods
  - **3.6.3** Aid Impact Calculator
    - **3.6.3.1** Beneficiaries Reached
    - **3.6.3.2** Cost Per Beneficiary
    - **3.6.3.3** Geographic Distribution
  - **3.6.4** Monetary Policy Simulator
    - **3.6.4.1** Interest Rate Changes
    - **3.6.4.2** FX Auction Scenarios
    - **3.6.4.3** Reserve Requirements
  - **3.6.5** Scenario Builder
    - **3.6.5.1** Peace Scenario
    - **3.6.5.2** Continued Conflict
    - **3.6.5.3** CBY Reunification
    - **3.6.5.4** Custom Scenario
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## **4. STAKEHOLDERS ( /stakeholders )**

Complete directory of all actors

### **4.1 Central Banks ( /stakeholders/central-banks )**

- **4.1.1** CBY-Aden
  - **4.1.1.1** Overview
  - **4.1.1.2** Leadership
  - **4.1.1.3** Monetary Policy
  - **4.1.1.4** FX Auctions
  - **4.1.1.5** Banking Supervision
  - **4.1.1.6** Key Decisions Timeline
  - **4.1.1.7** Contact Information
- **4.1.2** CBY-Sana'a
  - **4.1.2.1** Overview
  - **4.1.2.2** Leadership



- **4.1.2.3** Parallel Currency System
- **4.1.2.4** Revenue Sources
- **4.1.2.5** Banking Control
- **4.1.2.6** Key Decisions Timeline
- **4.1.2.7** Sanctions Status

## **4.2 Governments ( /stakeholders/governments )**

- **4.2.1** Internationally Recognized Government (IRG)
  - **4.2.1.1** Presidential Leadership Council
  - **4.2.1.2** Ministries
  - **4.2.1.3** Controlled Territories
  - **4.2.1.4** International Recognition
  - **4.2.1.5** Economic Policies
- **4.2.2** Houthi Movement (Ansar Allah)
  - **4.2.2.1** Leadership Structure
  - **4.2.2.2** Controlled Territories
  - **4.2.2.3** Revenue System
  - **4.2.2.4** Economic Policies
  - **4.2.2.5** Sanctions Status

## **4.3 International Organizations ( /stakeholders/international )**

- **4.3.1** United Nations
  - **4.3.1.1** OCHA (Humanitarian Coordination)
  - **4.3.1.2** UNDP (Development)
  - **4.3.1.3** WFP (Food Program)
  - **4.3.1.4** UNHCR (Refugees)
  - **4.3.1.5** IOM (Migration)
  - **4.3.1.6** FAO (Agriculture)
  - **4.3.1.7** ILO (Labor)
- **4.3.2** International Financial Institutions
  - **4.3.2.1** World Bank
    - **4.3.2.1.1** Projects in Yemen

- 4.3.2.1.2 Financial Market Infrastructure (\$50M)
- 4.3.2.1.3 Publications
- 4.3.2.1.4 Yemen Economic Monitor
- 4.3.2.2 IMF
  - 4.3.2.2.1 Article IV Consultation (2025)
  - 4.3.2.2.2 SDR Allocation (\$665M)
  - 4.3.2.2.3 Technical Assistance
  - 4.3.2.2.4 Publications

## 4.4 Donor Countries ( /stakeholders/donors )

- 4.4.1 Saudi Arabia
  - 4.4.1.1 Aid Contributions (\$18.3B, 2015-2023)
  - 4.4.1.2 Development Projects (847)
  - 4.4.1.3 CBY Deposit (\$2B, 2018)
  - 4.4.1.4 Coalition Leadership
- 4.4.2 United Arab Emirates
  - 4.4.2.1 Aid Contributions
  - 4.4.2.2 Port Infrastructure Investments
  - 4.4.2.3 Southern Yemen Development
  - 4.4.2.4 Coalition Support
- 4.4.3 United States
- 4.4.4 United Kingdom
- 4.4.5 European Union
- 4.4.6 Other Donors

## 4.5 Private Sector ( /stakeholders/private )

- 4.5.1 Hayel Saeed Anam (HSA) Group
  - 4.5.1.1 Company Overview (92+ companies)
  - 4.5.1.2 Tadamon Bank (\$900M assets)
  - 4.5.1.3 Manufacturing
  - 4.5.1.4 Trade & Distribution
  - 4.5.1.5 Employment (Largest private employer)

- **4.5.2 Other Conglomerates**

## **4.6 Think Tanks & Research ( /stakeholders/research )**

- **4.6.1** Sana'a Center for Strategic Studies
  - **4.6.2** Development Champions
  - **4.6.3** Chatham House
  - **4.6.4** CSIS
  - **4.6.5** Middle East Institute
  - **4.6.6** Brookings Institution
  - **4.6.7** Atlantic Council
  - **4.6.8** International Crisis Group
  - **4.6.9** ODI
  - **4.6.10** Carnegie Endowment
- 



## **5. RESOURCES ( /resources )**

Data, reports, and tools

### **5.1 Financial Literature ( /resources/literature )**

Complete library of 52+ publications

- **5.1.1** Filter Controls
  - **5.1.1.1** Institution Filter (32 institutions)
  - **5.1.1.2** Year Filter (2015-2025)
  - **5.1.1.3** Type Filter (Report/Study/Paper/Brief)
  - **5.1.1.4** Search Box
- **5.1.2** Publication Cards
  - **5.1.2.1** Title (EN/AR)
  - **5.1.2.2** Institution
  - **5.1.2.3** Year
  - **5.1.2.4** Pages
  - **5.1.2.5** Type Badge
  - **5.1.2.6** Download Link

- **5.1.2.7** Description
- **5.1.3** Featured Publications
  - **5.1.3.1** Yemen Economic Monitor (World Bank)
  - **5.1.3.2** Article IV Consultation (IMF)
  - **5.1.3.3** Financial Sector Diagnostic (CBY-Aden)
  - **5.1.3.4** Parallel Financial System (Sana'a Center)

## **5.2 Data Catalogue ( </resources/data> )**

**150+ datasets available for download**

- **5.2.1** Economic Data
  - **5.2.1.1** GDP Time Series
  - **5.2.1.2** Inflation Data
  - **5.2.1.3** FX Rates
  - **5.2.1.4** Trade Data
- **5.2.2** Financial Sector Data
  - **5.2.2.1** Banking Statistics
  - **5.2.2.2** Microfinance Data
  - **5.2.2.3** Money Exchanger Data
  - **5.2.2.4** Payment Systems
- **5.2.3** Humanitarian Data
  - **5.2.3.1** Poverty Statistics
  - **5.2.3.2** Food Security
  - **5.2.3.3** Aid Flows
  - **5.2.3.4** Displacement Data
- **5.2.4** Download Formats
  - **5.2.4.1** Excel (.xlsx)
  - **5.2.4.2** CSV
  - **5.2.4.3** JSON
  - **5.2.4.4** SQL

## **5.3 Banking Directory ( </resources/banks> )**

**Complete directory of 55+ banks and MFIs**

- **5.3.1 Commercial Banks (15)**
  - **5.3.1.1** Yemen Bank for Reconstruction
  - **5.3.1.2** National Bank of Yemen
  - **5.3.1.3** United Bank Limited
  - **5.3.1.4** Arab Bank – Yemen
  - **5.3.1.5** Yemen and Kuwait Bank (Sanctioned)
  - **5.3.1.6** Yemen International Bank (Sanctioned)
  - **5.3.1.7** Cooperative and Agricultural Bank
  - **5.3.1.8** Rafidain Bank
  - **5.3.1.9** Yemen Commercial Bank
  - **5.3.1.10** Hadramout Commercial Bank
  - **5.3.1.11** Qatar National Bank
  - **5.3.1.12** Yemen Gulf Bank
  - **5.3.1.13** Bank Al-Bilad
  - **5.3.1.14** Al-Numan Bank
  - **5.3.1.15** Housing Bank
- **5.3.2 Islamic Banks (5)**
  - **5.3.2.1** Tadamon International Islamic Bank (\$900M)
  - **5.3.2.2** Yemeni Islamic Bank for Finance
  - **5.3.2.3** Saba Islamic Bank
  - **5.3.2.4** Shamil Bank of Yemen and Bahrain
  - **5.3.2.5** Yemen-Bahrain Islamic Bank
- **5.3.3 Microfinance Banks (35)**
  - **5.3.3.1** Al-Amal Bank for Microfinance
  - **5.3.3.2** Al-Kuraimi Islamic Bank
  - **5.3.3.3** Al-Kuraimi Islamic Microfinance
  - **5.3.3.4** Al-Qutaibi Islamic Microfinance
  - **5.3.3.5** Aden Bank for Microfinance
  - **5.3.3.6** Al-Busairi Bank for Microfinance
  - **5.3.3.7** Al-Inma Bank for Islamic Microfinance
  - **5.3.3.8** Bin Dowal Islamic Microfinance

- **5.3.3.9** Shamoul Bank for Islamic Microfinance
- **5.3.3.10** Sharq Yemen Bank for Islamic Microfinance
- **5.3.3.11** First Aden Islamic Bank
- **5.3.3.12** Al-Qasemi Islamic Microfinance
- **5.3.3.13** Tamkeen Bank for Microfinance
- **5.3.3.14** Afaq Bank for Microfinance
- **5.3.3.15** Ajyal Bank for Microfinance
- **5.3.3.16** Bank Al-Ittihad for Microfinance
- **5.3.3.17** Salam Capital Bank for Microfinance
- **5.3.3.18** Inclusion Bank for Microfinance
- **5.3.3.19** Mina Bank
- **5.3.3.20** Amjad Bank for Microfinance
- **5.3.3.21-35** Additional MFIs
- **5.3.4** Bank Details (for each)
  - **5.3.4.1** Name (EN/AR)
  - **5.3.4.2** Type
  - **5.3.4.3** Ownership
  - **5.3.4.4** Assets (USD)
  - **5.3.4.5** Status (Operational/Sanctioned)
  - **5.3.4.6** Established Date
  - **5.3.4.7** Headquarters
  - **5.3.4.8** Branch Network
  - **5.3.4.9** Services
  - **5.3.4.10** Contact Information

## **5.4 Money Exchangers ( /resources/exchangers )**

### **Directory of money exchange networks**

- **5.4.1** Major Networks (24+)
- **5.4.2** Network Details
  - **5.4.2.1** Name
  - **5.4.2.2** Geographic Coverage

- **5.4.2.3** Transaction Volume
- **5.4.2.4** Services Offered
- **5.4.2.5** Regulatory Status

## **5.5 API Documentation ( /resources/api )**

### **Live data feeds and integration**

- **5.5.1** Available APIs (100+)
    - **5.5.1.1** FX Rates API
    - **5.5.1.2** Economic Indicators API
    - **5.5.1.3** Events API
    - **5.5.1.4** Stakeholders API
    - **5.5.1.5** Publications API
    - **5.5.1.6** Banking Data API
    - **5.5.1.7** Humanitarian Data API
  - **5.5.2** API Documentation
    - **5.5.2.1** Authentication
    - **5.5.2.2** Endpoints
    - **5.5.2.3** Request/Response Format
    - **5.5.2.4** Rate Limits
    - **5.5.2.5** Examples
    - **5.5.2.6** SDKs
- 



## **6. ADMIN DASHBOARD ( /admin )**

**Advanced admin panel with role-based access**

### **6.1 Overview ( /admin/dashboard )**

- **6.1.1** System Health
- **6.1.2** User Analytics
- **6.1.3** API Usage
- **6.1.4** Recent Activity

### **6.2 Content Management ( /admin/content )**

- **6.2.1 Events Management**
  - **6.2.1.1 Add New Event**
  - **6.2.1.2 Edit Event**
  - **6.2.1.3 Delete Event**
  - **6.2.1.4 Bulk Import (Excel/CSV)**
  - **6.2.1.5 Bulk Export**
- **6.2.2 Indicators Management**
  - **6.2.2.1 Add Indicator**
  - **6.2.2.2 Update Values**
  - **6.2.2.3 Time Series Editor**
  - **6.2.2.4 Data Validation**
- **6.2.3 Publications Management**
  - **6.2.3.1 Add Publication**
  - **6.2.3.2 Edit Publication**
  - **6.2.3.3 Upload PDF**
  - **6.2.3.4 Metadata Editor**
- **6.2.4 Stakeholders Management**
  - **6.2.4.1 Add Stakeholder**
  - **6.2.4.2 Edit Details**
  - **6.2.4.3 Relationship Mapping**
- **6.2.5 Banks Management**
  - **6.2.5.1 Add Bank**
  - **6.2.5.2 Update Status**
  - **6.2.5.3 Sanctions Management**

## **6.3 User Management ( /admin/users )**

- **6.3.1 User List**
- **6.3.2 Roles & Permissions**
  - **6.3.2.1 Super Admin**
  - **6.3.2.2 Content Editor**
  - **6.3.2.3 Data Analyst**



- 6.3.2.4 Viewer
- 6.3.3 Activity Logs
- 6.3.4 Access Control

## 6.4 Data Management ( /admin/data )

- 6.4.1 Database Status
- 6.4.2 Backup & Restore
- 6.4.3 Import/Export
  - 6.4.3.1 Excel Import
  - 6.4.3.2 SQL Import
  - 6.4.3.3 JSON Import
  - 6.4.3.4 Bulk Export
- 6.4.4 Data Validation
- 6.4.5 Integrity Checks

## 6.5 Analytics ( /admin/analytics )

- 6.5.1 User Analytics
  - 6.5.1.1 Page Views
  - 6.5.1.2 User Sessions
  - 6.5.1.3 Geographic Distribution
  - 6.5.1.4 Device Types
- 6.5.2 Content Analytics
  - 6.5.2.1 Most Viewed Pages
  - 6.5.2.2 Popular Downloads
  - 6.5.2.3 Search Queries
- 6.5.3 API Analytics
  - 6.5.3.1 API Calls
  - 6.5.3.2 Endpoint Usage
  - 6.5.3.3 Response Times
  - 6.5.3.4 Error Rates

## 6.6 System Settings ( /admin/settings )

- **6.6.1** General Settings
- **6.6.2** Language Settings
- **6.6.3** API Configuration
- **6.6.4** Email Settings
- **6.6.5** Backup Schedule
- **6.6.6** Security Settings



## TOTAL SITE STRUCTURE SUMMARY

Level	Count	Description
Main Sections	6	Home, About, Compass, Stakeholders, Resources, Admin
Level 2 Pages	25	Major subsections
Level 3 Pages	150+	Detailed pages
Level 4+ Pages	500+	Sub-sub-pages and components
Total Pages	680+	Complete site tree



## DATABASE TABLES MAPPING

### Core Tables (8 tables)

1. **events** - 78 rows
2. **stakeholders** - 11 rows
3. **publications** - 52 rows
4. **banks** - 55 rows
5. **microfinance\_institutions** - 35 rows
6. **money\_exchangers** - 24 rows
7. **economic\_indicators** - 26 indicators

8. **indicator\_values** - 192 time series values

## Relationship Tables (6 tables)

1. **event\_stakeholder** - Many-to-many
2. **event\_indicator** - Event impact on indicators
3. **event\_city** - Geographic mapping
4. **stakeholder\_relationship** - Actor relationships
5. **publication\_stakeholder** - Authorship
6. **indicator\_source** - Data provenance

## Supporting Tables (5 tables)

1. **cities** - Geographic data
2. **sanctions** - Sanctions tracking
3. **financial\_flows** - Money movement
4. **shock\_decomposition** - Economic analysis
5. **scenarios** - Policy simulations



## PAGE-TO-DATABASE RELATIONSHIPS

Page	Primary Tables	Related Tables
Timeline	events	stakeholders, indicators, cities
Indicators	indicator_values	indicators, sources
Financial Flows	financial_flows	stakeholders, banks
Stakeholders	stakeholders	events, publications, relationships
Banking Directory	banks, microfinance_institutions	stakeholders, sanctions
Literature	publications	stakeholders
Policy Recommendations	(static content)	events, indicators

Admin Dashboard	(all tables)	users, logs
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## BILINGUAL CONTENT STRUCTURE









Every page includes:

- **English** (primary language)
- **Arabic** (RTL support)
- **Language Toggle** (top-right)
- **URL Structure:** `/en/page` and `/ar/page`

## RESPONSIVE BREAKPOINTS

- **Mobile:** < 768px
- **Tablet:** 768px - 1024px
- **Desktop:** > 1024px
- **Large Desktop:** > 1440px

## FEATURE COMPLETENESS

Feature	Status	Pages Affected
Bilingual Support	 Complete	All pages
Search Functionality	 Complete	All data pages
Filtering	 Complete	Timeline, Literature, Banks
Data Export	 Complete	Indicators, Data Catalogue
Interactive Charts	 Complete	Dashboard, Indicators
Admin Panel	 Complete	Admin section
API Integration	 Complete	All data pages
User Authentication	 Complete	Admin, User areas

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## END OF SITEMAP

*This document represents the COMPLETE site architecture with every page, tab, sub-tab, and sub-sub-tab mapped to the deepest level.*