# Welcome to this 2 hour conversation about data

## Who's leading this journey?

**FfC team**
— Chris Elisara
— Niels Mose Møller

**Data and SDG Cities Experts**
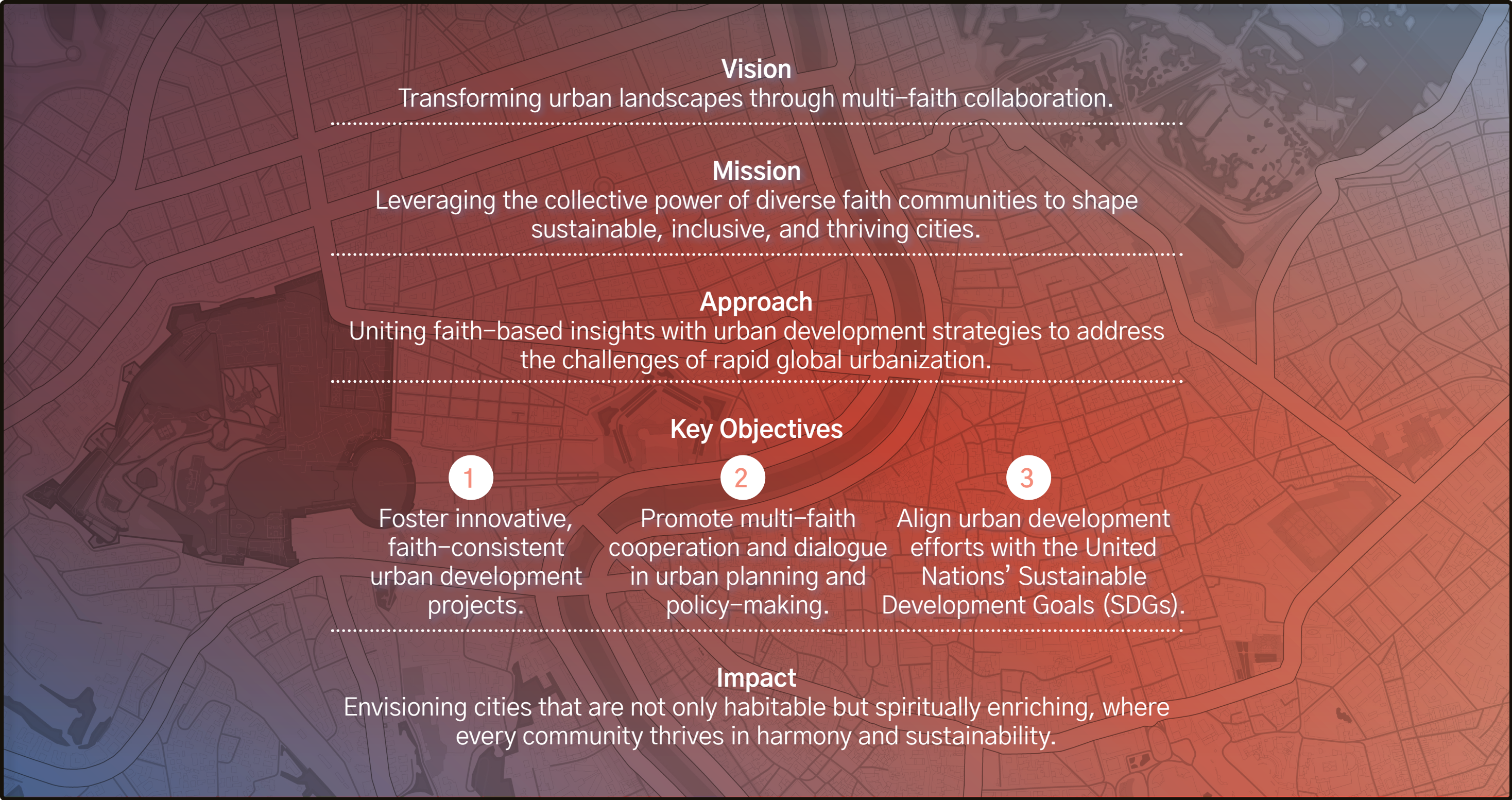— Dyfed Aubrey
— Robert Ndugwa
— Charlie Henderson

TEMPLETON RELIGION TRUST | Thriving Cities | synergine | relight.co | Faith for Cities

# Introductions continued....



Who else is here for the conversation?

TEMPLETON RELIGION TRUST | Thriving Cities | synergine | relight.co | **Data Convening** | 5th March, 2024

Faith for Cities

# Welcome to Faith *for* Cities

**Vision**
Transforming urban landscapes through multi–faith collaboration.

**Mission**
Leveraging the collective power of diverse faith communities to shape sustainable, inclusive, and thriving cities.

**Approach**
Uniting faith–based insights with urban development strategies to address the challenges of rapid global urbanization.

**Key Objectives**

**1**
Foster innovative, faith–consistent urban development projects.

**2**
Promote multi–faith cooperation and dialogue in urban planning and policy–making.

**3**
Align urban development efforts with the United Nations' Sustainable Development Goals (SDGs).

**Impact**
Envisioning cities that are not only habitable but spiritually enriching, where every community thrives in harmony and sustainability.

TEMPLETON RELIGION TRUST | Thriving Cities | synergine | relight.co

Faith *for* Cities

# Faith *for* Cities and SDG Cities

**How is F*f*C helping the faith's lean into their stakeholder role in the development of cities, towns and neighborhoods?**

By developing a faith–based program that can plug seemingly into UN–Habitat's SDG Cities initiative.

The SDG Cities Initiative is a UN–Habitat initiative designed to help 1000 cities and over a billion people develop and meet the SDG's.

SDG Cities has a methodology to achieve this goal, which means a faith–based SDG's Cities program must also adopt the same methodology in order to plug into SDG Cities.

What is the COMMON methodology SDG Cities and F*f*C is using?

TEMPLETON RELIGION TRUST

Thriving Cities

synergine

relight.co

**Data Convening** | 5th March, 2024

Faith *for* Cities

# UN-Habitat

**Supports countries to implement the urban dimensions of the sustainable development agenda (make cities and human settlements inclusive, safe, resilient and sustainable).**

**Contributes through**
- Cutting-edge knowledge
- Policy advice
- Technical norms
- Practices and standards
- Advocacy for political discussion
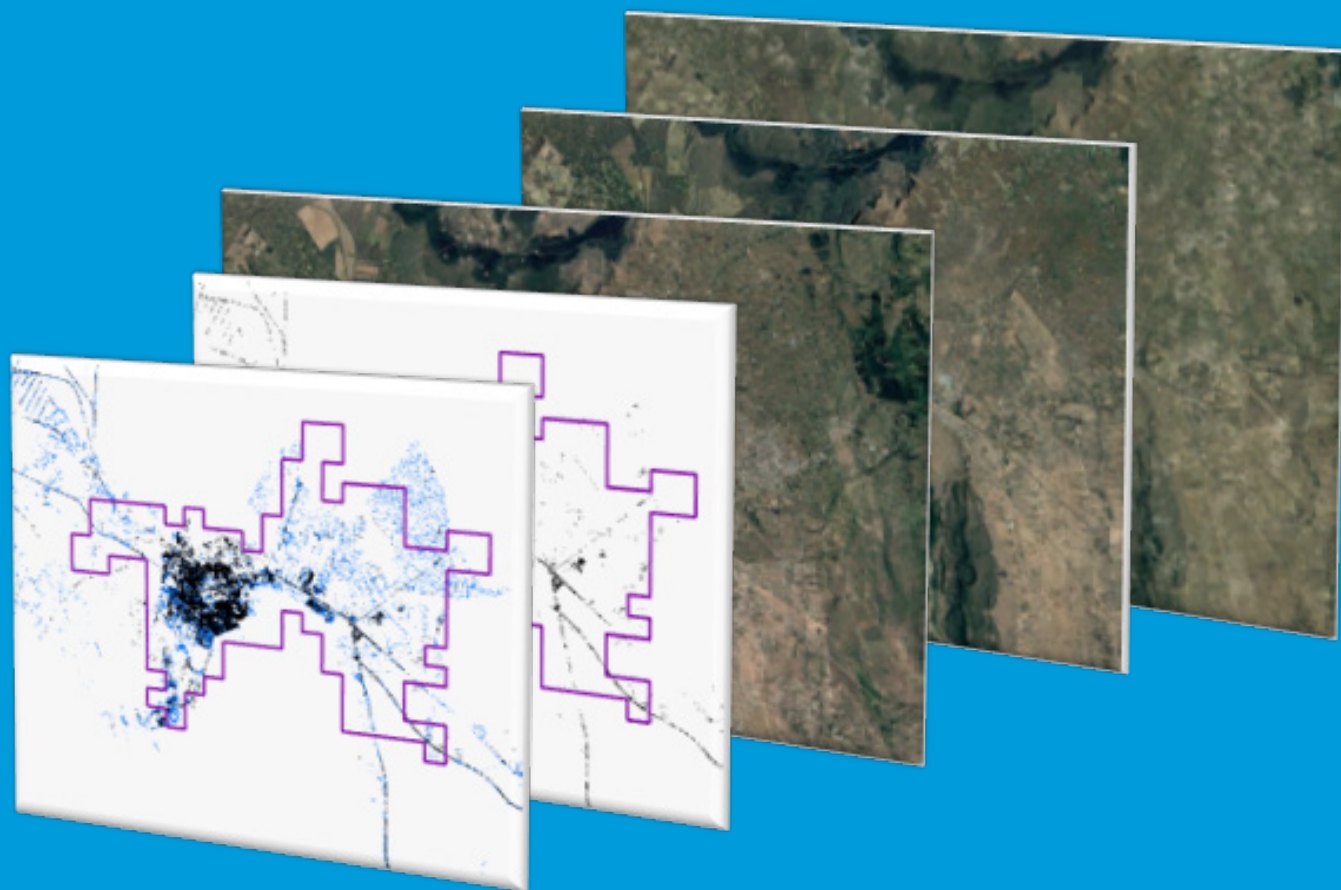- Innovation and collaborative action

**Spatial Data Focus**
- City level data
- Multi-temporal data
- Spatially disaggregated data
- Data layers overlay



Mumbai, India. Image © Johnny Miller Photography

TEMPLETON RELIGION TRUST · Thriving Cities · synergine · relight.co · Faith for Cities
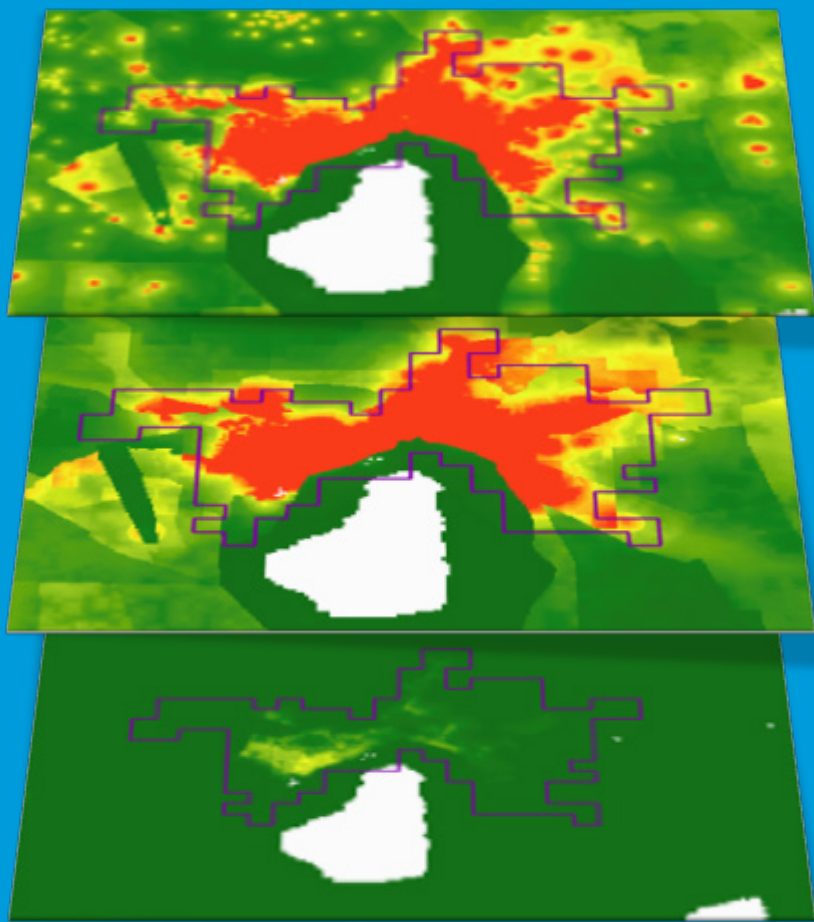
**Urban Expansion**



**Data**
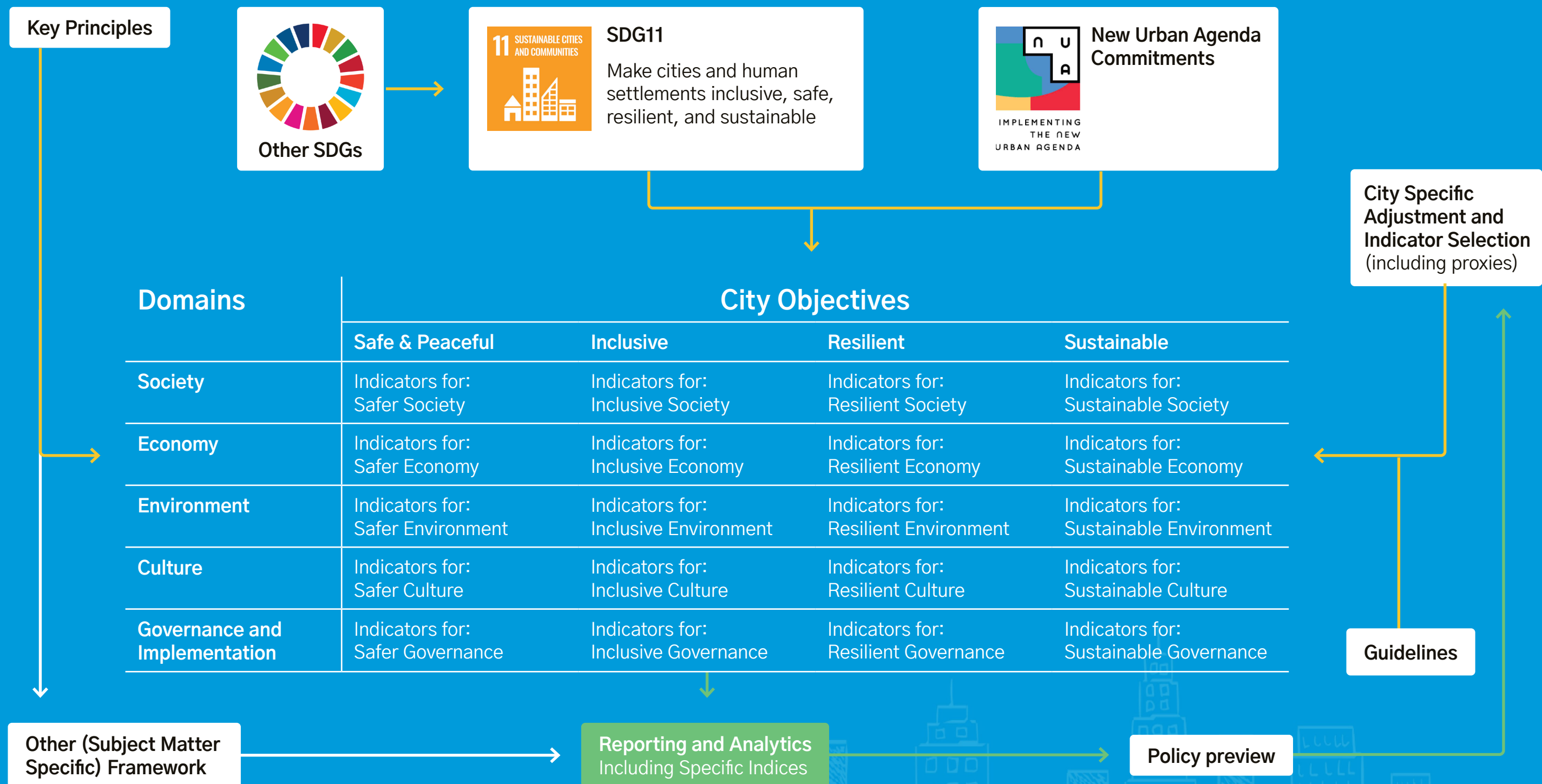Satellite data from imagery, local or global datasets eg GHSL.



**Data**
Gridded data e.g. country modeled, GHSL.

# Bringing urban monitoring in a single space

*The Urban Monitoring Framework*

**Key Principles**

**Other SDGs**

**SDG11**
Make cities and human settlements inclusive, safe, resilient, and sustainable

**New Urban Agenda Commitments**

IMPLEMENTING THE NEW URBAN AGENDA

**City Specific Adjustment and Indicator Selection**
(including proxies)

| Domains | City Objectives | | | |
|---|---|---|---|---|
| | Safe & Peaceful | Inclusive | Resilient | Sustainable |
| Society | Indicators for: Safer Society | Indicators for: Inclusive Society | Indicators for: Resilient Society | Indicators for: Sustainable Society |
| Economy | Indicators for: Safer Economy | Indicators for: Inclusive Economy | Indicators for: Resilient Economy | Indicators for: Sustainable Economy |
| Environment | Indicators for: Safer Environment | Indicators for: Inclusive Environment | Indicators for: Resilient Environment | Indicators for: Sustainable Environment |
| Culture | Indicators for: Safer Culture | Indicators for: Inclusive Culture | Indicators for: Resilient Culture | Indicators for: Sustainable Culture |
| Governance and Implementation | Indicators for: Safer Governance | Indicators for: Inclusive Governance | Indicators for: Resilient Governance | Indicators for: Sustainable Governance |

**Guidelines**

**Other (Subject Matter Specific) Framework**

**Reporting and Analytics**
Including Specific Indices

**Policy preview**

TEMPLETON RELIGION TRUST

Thriving Cities

synergine.

relight.co

**Data Convening** | 5th March, 2024

Faith for Cities

# Systematizing SDG monitoring in Cities

## Data Track

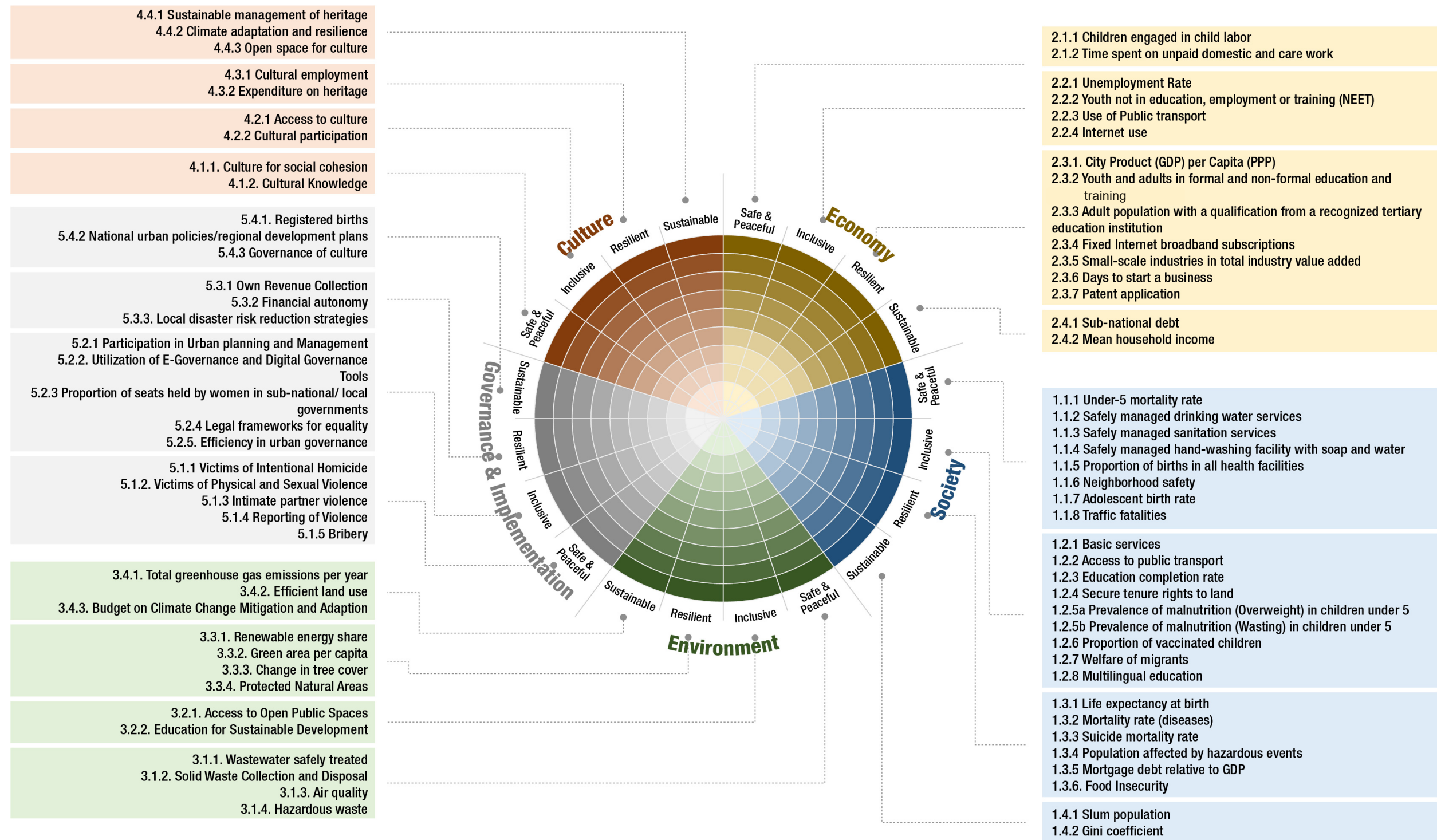## Global Urban Monitoring Framework

To ensure a simple but effective approach to monitoring the performance of cities against the Sustainable Development Goals, the New Urban Agenda and the Paris Climate Agreement, the **Global Urban Monitoring Framework** identifies 72 indicators that are most relevant to cities and clusters them within 20 attributes. It is designed to be efficient, effective and harmonized

The **Global Urban Monitoring Framework** is constructed on the basis of four City Objectives: Safe & Peaceful, Inclusive, Resilient and Sustainable, as captured in SDG 11 and reflected across several other SDGs, and five common domains of sustainable development: Society, Economy, Environment, Culture, Governance and Implementation.

These axes intersect to create 20 attributes, to which indicators are attached from the SDGs, NUA and other global agendas
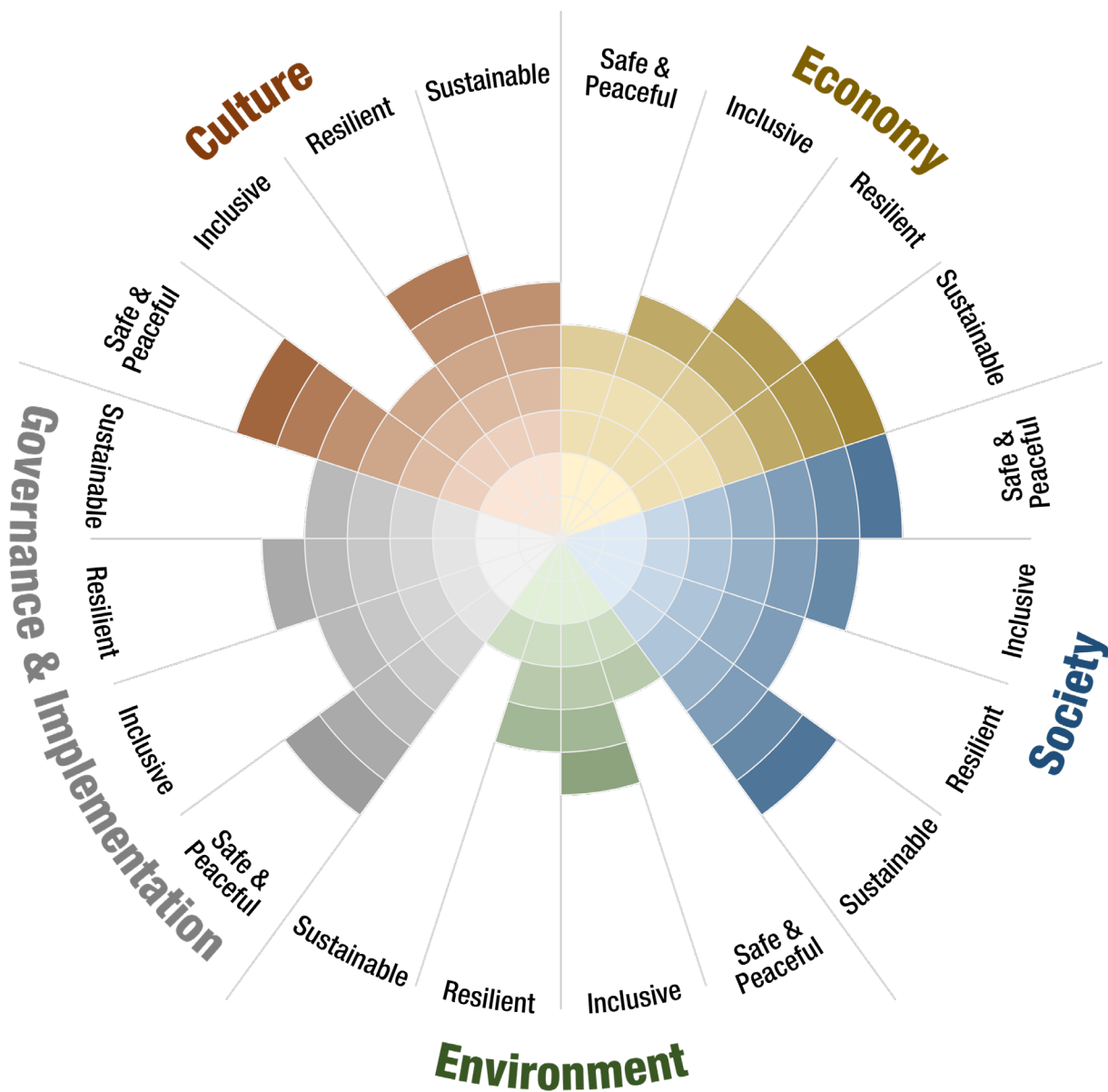
| Domains | City Objectives | | | |
|---|---|---|---|---|
| | **Safe & Peaceful** | **Inclusive** | **Resilient** | **Sustainable** |
| **Society** | Indicators for: Safer Society | Indicators for: Inclusive Society | Indicators for: Resilient Society | Indicators for: Sustainable Society |
| **Economy** | Indicators for: Safer Economy | Indicators for: Inclusive Economy | Indicators for: Resilient Economy | Indicators for: Sustainable Economy |
| **Environment** | Indicators for: Safer Environment | Indicators for: Inclusive Environment | Indicators for: Resilient Environment | Indicators for: Sustainable Environment |
| **Culture** | Indicators for: Safer Culture | Indicators for: Inclusive Culture | Indicators for: Resilient Culture | Indicators for: Sustainable Culture |
| **Governance and Implementation** | Indicators for: Safer Governance | Indicators for: Inclusive Governance | Indicators for: Resilient Governance | Indicators for: Sustainable Governance |

Page 10

TEMPLETON RELIGION TRUST | Thriving Cities | synergine | relight.co | **Data Convening** | 5th March, 2024 | Faith for Cities

UN-HABITAT

**Culture**

4.4.1 Sustainable management of heritage
4.4.2 Climate adaptation and resilience
4.4.3 Open space for culture

4.3.1 Cultural employment
4.3.2 Expenditure on heritage

4.2.1 Access to culture
4.2.2 Cultural participation

4.1.1. Culture for social cohesion
4.1.2. Cultural Knowledge

**Governance & Implementation**

5.4.1. Registered births
5.4.2 National urban policies/regional development plans
5.4.3 Governance of culture

5.3.1 Own Revenue Collection
5.3.2 Financial autonomy
5.3.3. Local disaster risk reduction strategies

5.2.1 Participation in Urban planning and Management
5.2.2. Utilization of E-Governance and Digital Governance Tools
5.2.3 Proportion of seats held by women in sub-national/ local governments
5.2.4 Legal frameworks for equality
5.2.5. Efficiency in urban governance

5.1.1 Victims of Intentional Homicide
5.1.2. Victims of Physical and Sexual Violence
5.1.3 Intimate partner violence
5.1.4 Reporting of Violence
5.1.5 Bribery

**Environment**

3.4.1. Total greenhouse gas emissions per year
3.4.2. Efficient land use
3.4.3. Budget on Climate Change Mitigation and Adaption

3.3.1. Renewable energy share
3.3.2. Green area per capita
3.3.3. Change in tree cover
3.3.4. Protected Natural Areas

3.2.1. Access to Open Public Spaces
3.2.2. Education for Sustainable Development

3.1.1. Wastewater safely treated
3.1.2. Solid Waste Collection and Disposal
3.1.3. Air quality
3.1.4. Hazardous waste

**Economy**

2.1.1 Children engaged in child labor
2.1.2 Time spent on unpaid domestic and care work

2.2.1 Unemployment Rate
2.2.2 Youth not in education, employment or training (NEET)
2.2.3 Use of Public transport
2.2.4 Internet use

2.3.1. City Product (GDP) per Capita (PPP)
2.3.2 Youth and adults in formal and non-formal education and training
2.3.3 Adult population with a qualification from a recognized tertiary education institution
2.3.4 Fixed Internet broadband subscriptions
2.3.5 Small-scale industries in total industry value added
2.3.6 Days to start a business
2.3.7 Patent application

2.4.1 Sub-national debt
2.4.2 Mean household income

**Society**

1.1.1 Under-5 mortality rate
1.1.2 Safely managed drinking water services
1.1.3 Safely managed sanitation services
1.1.4 Safely managed hand-washing facility with soap and water
1.1.5 Proportion of births in all health facilities
1.1.6 Neighborhood safety
1.1.7 Adolescent birth rate
1.1.8 Traffic fatalities

1.2.1 Basic services
1.2.2 Access to public transport
1.2.3 Education completion rate
1.2.4 Secure tenure rights to land
1.2.5a Prevalence of malnutrition (Overweight) in children under 5
1.2.5b Prevalence of malnutrition (Wasting) in children under 5
1.2.6 Proportion of vaccinated children
1.2.7 Welfare of migrants
1.2.8 Multilingual education

1.3.1 Life expectancy at birth
1.3.2 Mortality rate (diseases)
1.3.3 Suicide mortality rate
1.3.4 Population affected by hazardous events
1.3.5 Mortgage debt relative to GDP
1.3.6. Food Insecurity

1.4.1 Slum population
1.4.2 Gini coefficient

Wheel labels: Safe & Peaceful, Inclusive, Resilient, Sustainable

TEMPLETON RELIGION TRUST | Thriving Cities | synergine. | relight.co | **Data Convening** | 5th March, 2024 | Faith for Cities
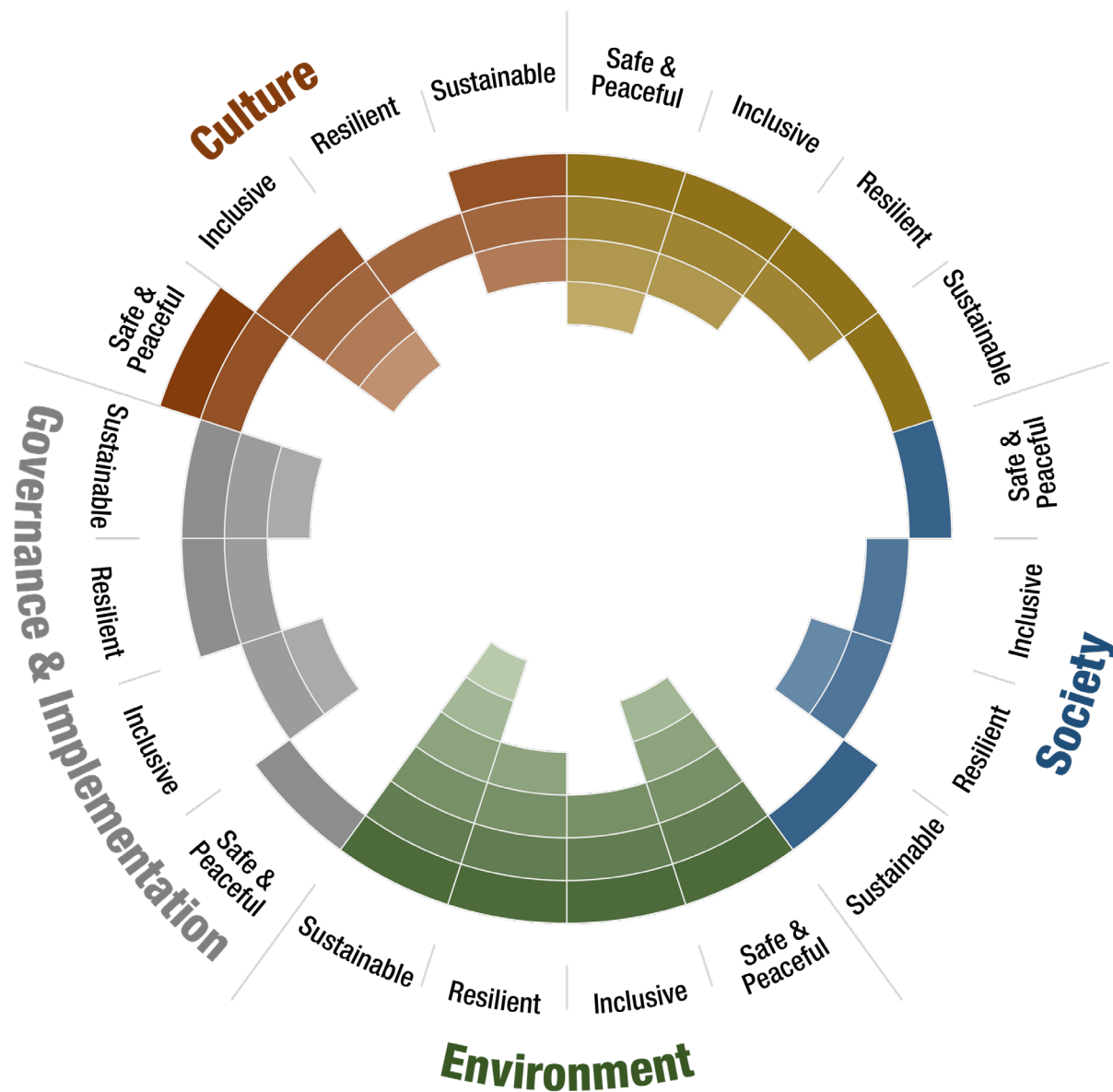
# Urban Monitoring Framework

*From city diagnostics to action*



Baseline establishment

Gap + actions identification

# DAU: Urban data tools / methodologies

## City Prosperity Index – under revision

Urban Governance

Productivity

Environment Sustainability

Infrastructure Development

CPI

Quality and Social Inclusion

Quality of Life

## The Urban Observatory Model

Urban Observatory Indicator System (Priorities, Actions)

Relevant, Accurate, Up-to-Date Data

Urban Problems / Challenges
Local Urban Priorities
National / Global Urban Priorities

Data Informed Reports & Policy Products

Easy to Understand and Interpret Outputs for Decision Makers

Decisions

Actions

## National Sample of Cities

[identified] City   [identified] City   [identified] City

[identified] City   [identified] City   [identified] City   [identified] City   [identified] City   [identified] City

[identified] City   [identified] City   [identified] City

**Stratification**

**Selection by:**
Territory, Geography, Size, History, Population, Economic & Political Importance, etc

[sample] City   [sample] City   [sample] City
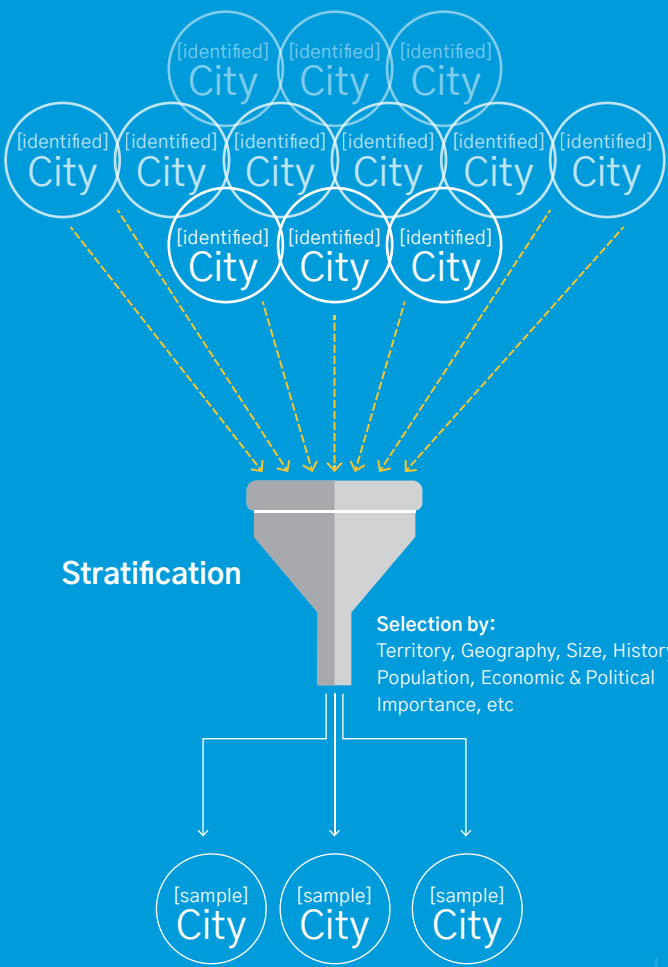
## Spatial Data Integration Models

Satellite Imagery

Extracted Map

Auxiliary Data

Analytical Map

Planners

Decision and Policy makers

Community members and other actors

DATA DRIVEN DECISIONS AND ACTIONS

Faith for Cities

TEMPLETON RELIGION TRUST

Thriving Cities

synergine.

relight.co

**Data Convening** | 5th March, 2024

Faith *for* Cities

# Settlement morphology delineation (Indicator 11.1.1)

## Informality manifests differently within & across cities

Under–development model considers variations in scale, settlement structure based on morphological parameters and multi–level services access  – Data from sources such as GHG–built and GHS–pop providing key inputs to analysis of vulnerability.

# The Earth Observation Toolkit

# The Urban Indicators Platform
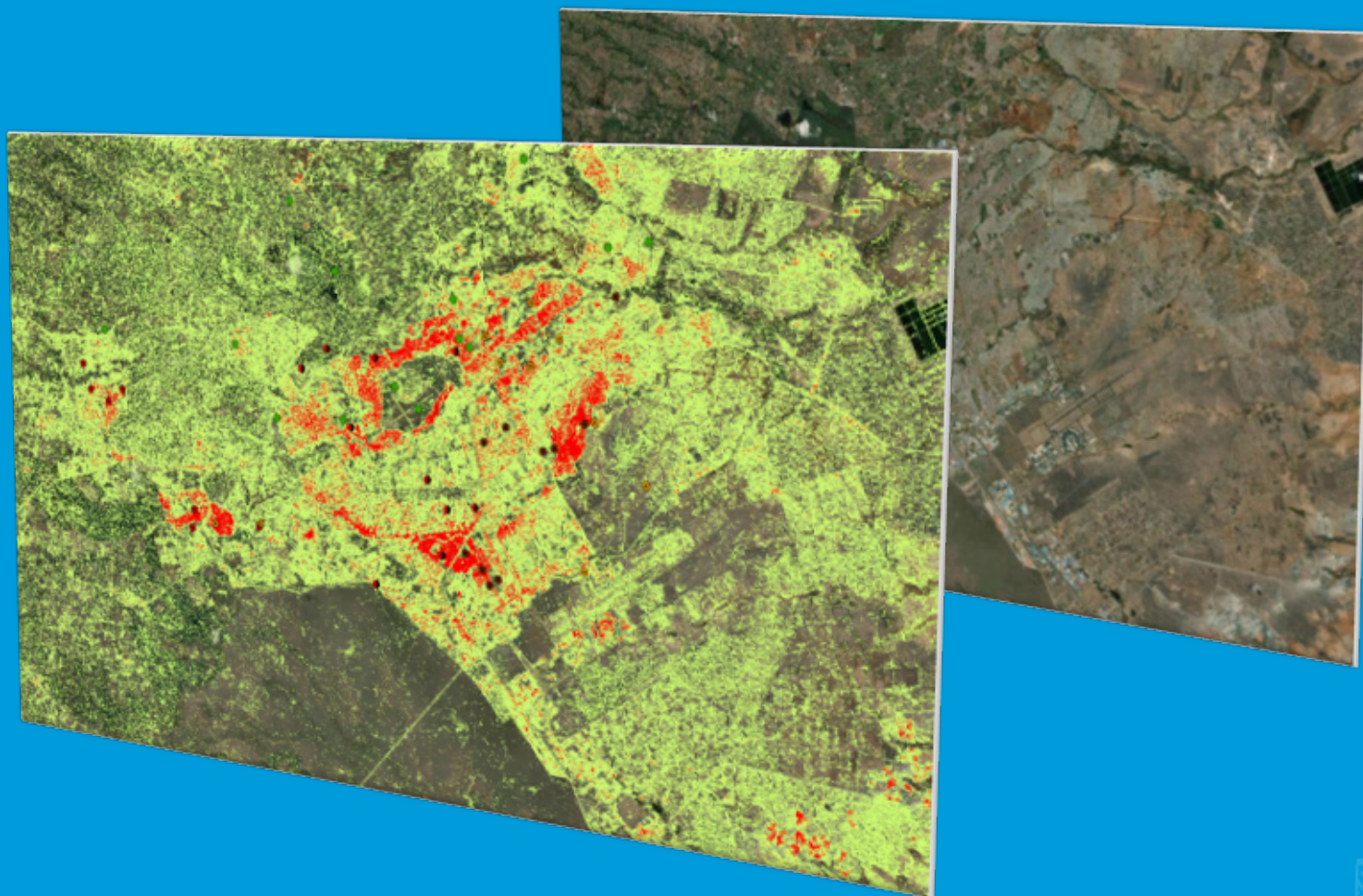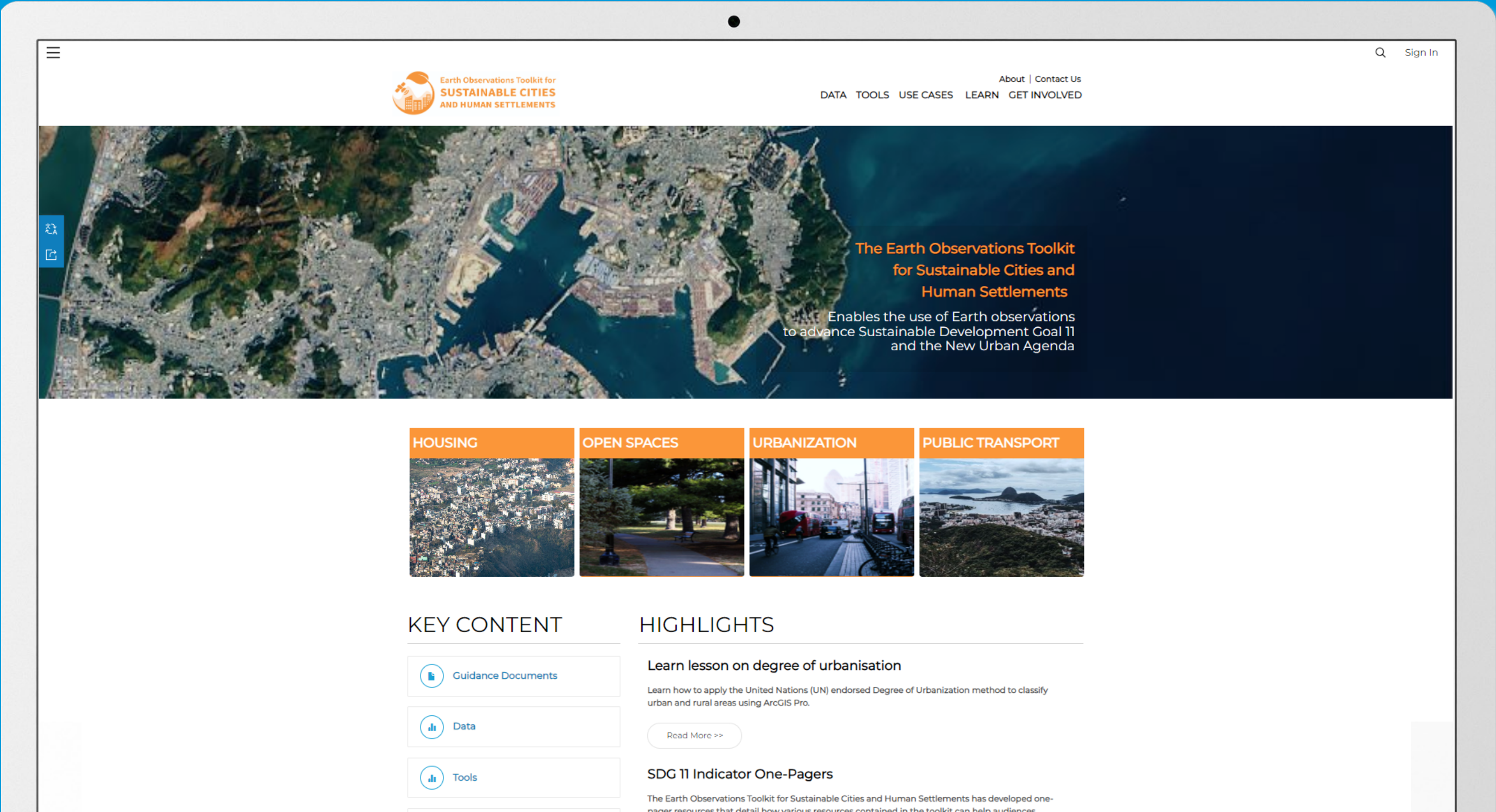
## COVID–19 urban data

### Tracking COVID-19 in Cities

COVID-19 has caused major disruptions in the way of life and how people and places interact, with urban areas - where physical interactions are often higher than rural areas - experiencing high levels of impact from the pandemic. As part of its contribution to enhancing better response and recovery in urban areas, UN-Habitat collects city-level COVID-19 data on total cases, infection rates, total deaths and total recoveries.

**Visualize & Download Data**

### Mapping Facilities in Informal Settlements

Informal settlements are highly vulnerable to the impacts of COVID-19, owing to their high levels of congestion, limited access to basic water and sanitation services and their exposure to economic shocks. Since 2020, UN-Habitat has worked with different partners to map out basic infrastructure facilities and services available to communities living in slums and informal settlement communities in Kenya, Uganda and South Sudan.

**Read More ..**

### COVID-19 Cities Readiness and Response Tracker

To respond to acute data challenges in the early days of the COVID-19 pandemic, UN-Habitat and CitiiQ developed a COVID-19 city tracker. The tracker has a readiness and response score which are based on 50 indicators across 9 dimensions: public health capacity, societal strength, economic ability, infrastructure, national collaborative will; spread response, treatment response, economic response and supply chain response.

**Explore the Tracker (External Link) ..**

*Promoting data transparency and openness*

### Reports and Profiles

COVID-19 Facilities Mapping Report, Kawangware informal settlements, Nairobi, Kenya
**Download Report**

Juba Settlement and Facilities Distribution Profile
**Download Report**

COVID-19 Facilities Mapping Report, Kibera Slums, Nairobi, Kenya
**Download Report**

COVID-19 Facilities Mapping Report, Mathare Slums, Nairobi, Kenya
**Download Report**

## Mapping and data collection approach

The surveys utilized the KoboToolbox mobile phone application, to map each of the target facilities and fill information on its metadata. Field data collection was done by youth volunteers resident within each of the sampled settlements. Volunteers were trained by UN–Habitat's Data and Analytics Section staff over a period of 1–2 days, from where they were deployed in different teams spread throughout the target settlements. Data collection was undertaken over a period ranging from 5 to 20 days, depending on the size of the settlement/area covered.

PROCESS CYCLE

Data Analysis · Conceptualization · Tool Development · Training of Data Collectors · Data Collection
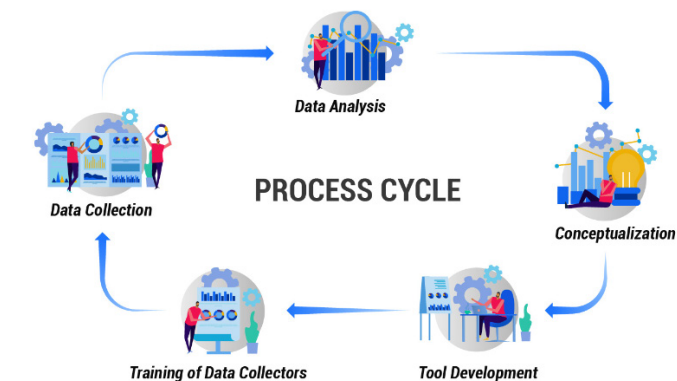
### Download data

**KAWANGWARE**

**KIBERA**

**KISUMU**

**MATHARE**

### Download Reports

COVID-19 Facilities Mapping Report, Kawangware informal settlements, Nairobi, Kenya
**Download Report**

Juba Settlement and Facilities Distribution Profile
**Download Report**

COVID-19 Facilities Mapping Report, Kibera Slums, Nairobi, Kenya
**Download Report**

COVID-19 Facilities Mapping Report, Mathare Slums, Nairobi, Kenya
**Download Report**

# UN-HABITAT

## Thank you

TEMPLETON RELIGION TRUST

Thriving Cities

synergine

relight.co

**Data Convening** | 5th March, 2024

Faith for Cities

# Data

TEMPLETON RELIGION TRUST

Thriving Cities

synergine.

relight.co

**Data Convening** | 5th March, 2024

Faith *for* Cities

# City Data: Story of a Baltimore Pastor

*Pre-k Education in Baltimore*

TEMPLETON RELIGION TRUST | Thriving Cities | synergine | relight.co | **Data Convening** | 5th March, 2024 | Faith for Cities

Relight

TEMPLETON RELIGION TRUST

Thriving Cities

synergine.

relight.co

**Data Convening** | 5th March, 2024

Faith for Cities

# We're Asking Questions of the Network

*Relight is a platform for bringing to light 3 things:*

**1** **Bring Faith Organizations into Network**

**2** **Ask Questions**

**3** **Fund Dev & Deployment of Diagnostic Solutions**

**Problem statement**
Faith organizations & leaders need to become a part of the urban development conversation.

**Opportunity**
Funders like Templeton see this as a problem and want to fund the involvement of faith–based groups as a participant in the city planning & urban development process.

**Solution**
The diagnostic tooling needed to run the city planning process like SDG Cities needs to be expanded to include faith–based tools.

**Our Purpose**
To assess and enhance existing faith–based diagnostic tools' contribution to the city planning/VLR process and/or faith based development projects and plans.

**Network: We are the first group in this network.**

**Two primary questions**

1. What are the tools that exist? What are they measuring? What's unique about the religious perspective? What's the value added for religious data? What tools exist outside the network that should be brought in?

2. What gaps in these tools and what new tools need to exist? What are the needs and the challenges? (What do you need?).

Fund the development and deployment of tools within SDG Cities.

Based upon our understanding of question 1 and 2, what are the solutions to the challenges we have? The needs that we have? How can we make the tools everyone has better? How to make them fit with SDG's? How can we make it collaborative? That's what we're going to do on Relight. Those solutions become named, described, and then grant will fund the development and deployment of those solution.

TEMPLETON RELIGION TRUST | Thriving Cities | synergine | relight.co | **Data Convening** | 5th March, 2024

Faith for Cities

# Next convenings



We are inviting leaders and organizations working in the overlapping areas of religion and urban design, planning, architecture, landscape architecture, placemaking, public engagement, etc. to a new initiative promoting intentional collaboration. With practitioners who are willing, we are building a collaborative community that supports a global commons at the intersection of faith and urban design that will benefit all the stakeholders working in this space.

## 26th March, 2024

**Time: 4 PM (UTC)**
9:00 AM (Pacific) / 12:00 PM (New York) / 4:00 PM (London)
/ 7:00 PM (Nairobi) / 5:00 AM (Auckland, next day)



We are inviting leaders and organizations working in the overlapping areas of religion and faith–consistent finance, project developers that develop and/or finance urban projects to a new initiative promoting intentional collaboration. With practitioners who are willing, we are building a collaborative community that supports a global commons at the intersection of faith and finance/project developers that will benefit all the stakeholders working in this space.

## 9th April, 2024

**Time: 4 PM (UTC)**
9:00 AM (Pacific) / 12:00 PM (New York) / 5:00 PM (London)
/ 7:00 PM (Nairobi) / 4:00 AM (Auckland, next day)

TEMPLETON RELIGION TRUST | Thriving Cities | synergine | relight.co