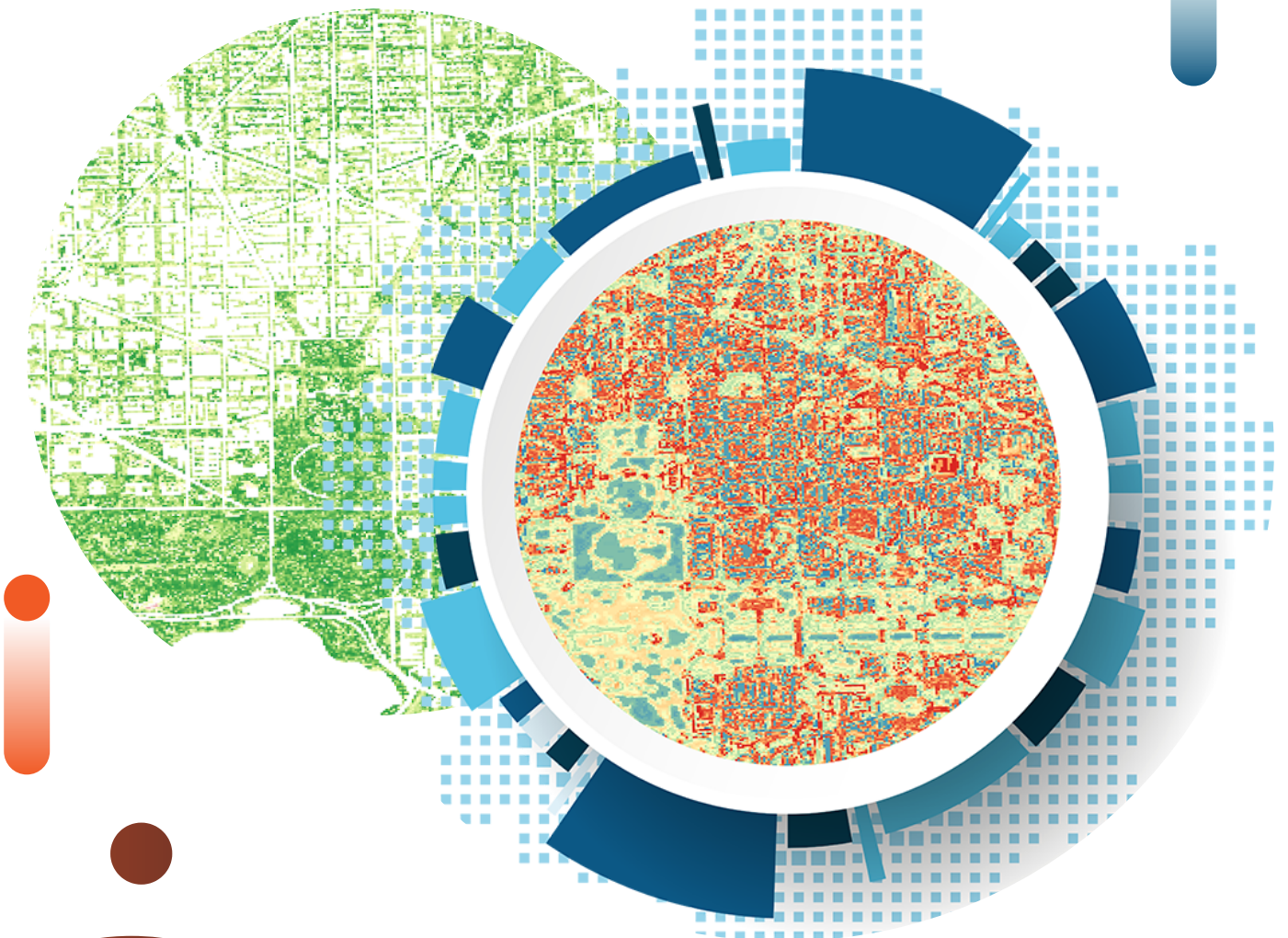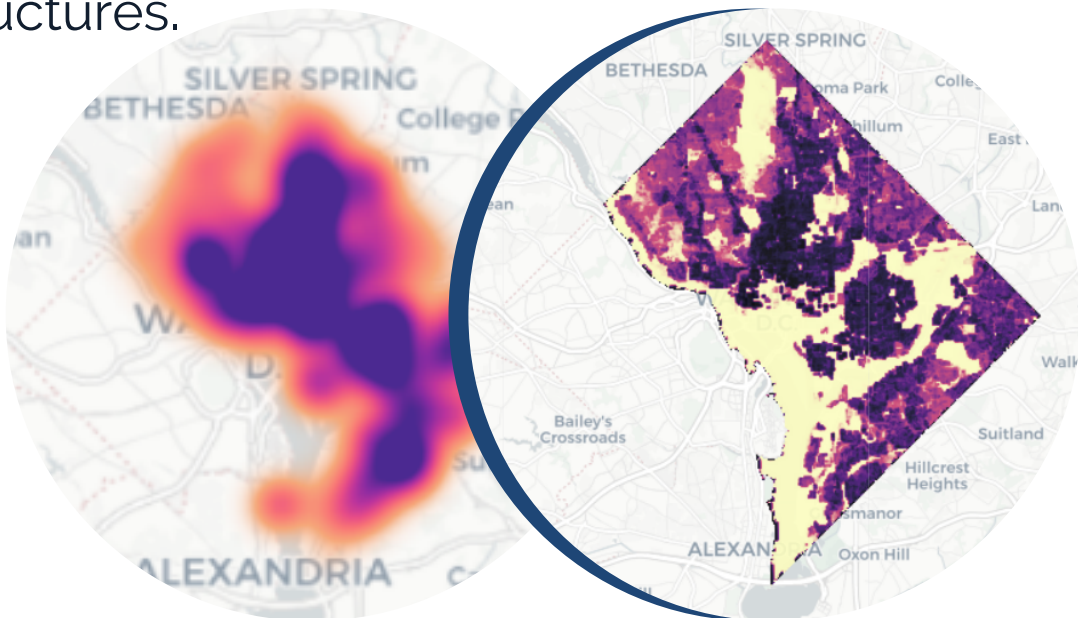# Latitudo 40®

SATELLITE DATA PLATFORM FOR:
THE NEW URBAN AGENDA

LATITUDO40 ®

Citizens' quality of life, our priority

Urban centers are home to most of the world's population, growing urbanization has progressively subtracted areas dedicated to **green spaces and trees** in favor of new buildings and support structures.

Climate change and increasing pollution require a progressive rethinking of urban environments, in order to create a **green infrastructure** that can be functional to climate resilience and well-being of **citizens**.

A transition to greener cities requires a **full understanding** of our **climate** through the analysis of all the elements of an **urban ecosystem**. Getting to know the city is the first step to making it greener, more **sustainable** and **resilient**
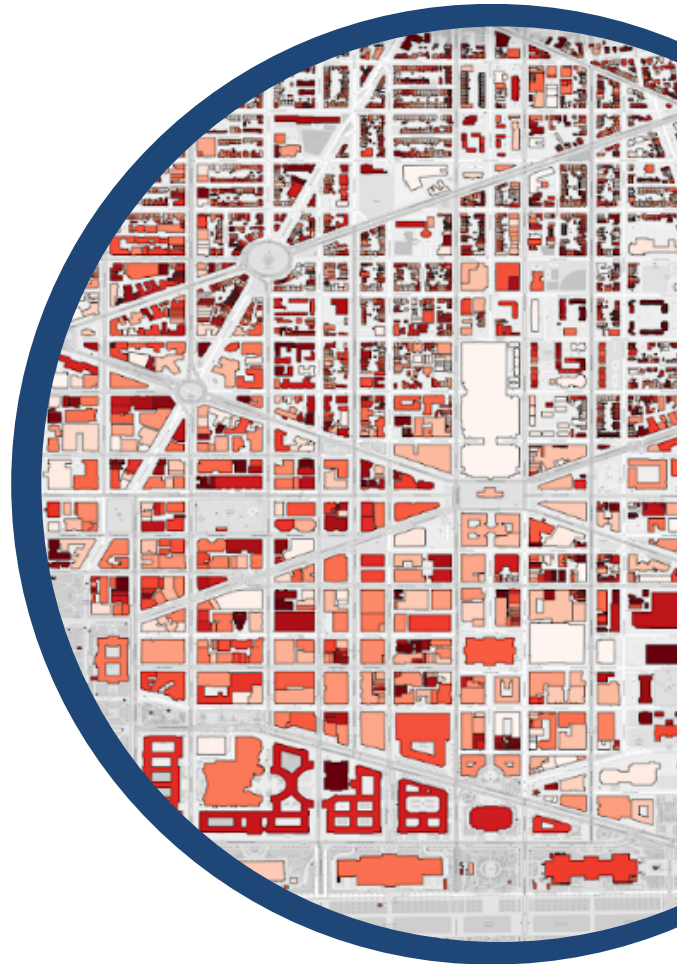
An Urban Analytics Platform for sustainable and Smart Cities

Urban centers are home to most of the world's population, growing urbanization has progressively subtracted areas dedicated to **green spaces and trees** in favor of new buildings and support structures.

Latitudo 40 allows cities to **analyze** environmental trends, **know** their impact on population and **plan** improvement and mitigation actions to continuously pursue sustainability goals.

Latitudo 40 helps cities, system integrators and engineering companies to **decide** where and how to act to **reduce** the impact of climate change on cities.

LATITUDO 40 ®

Making a city sustainable has never been easier.

Latitudo 40 offers a timely and **continuous risk analysis** providing data on **air quality**, **green infrastructures** health and the impact of **urban heat islands** on citizens. Using our simple dashboard or our APIs, all the information will always be at hand and ready to be used in daily **decision-making processes**, to create internal or public reports, to show to citizens what have been done to **improve** their city or to best address the budget for maintenance.

Urbalytics | City Analysis

🔥 **Urban Climate | Washington**

Spatial Resolution	Temporal Resolution	Input	Elaboration	Automation	Coverege
10 m	5-7 gg	Sentinel-2	Medium	100%	Global

Just in a few hours all the necessary data will be available with an extensive **historical archive** and with a weekly or monthly update scheduling.

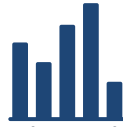# What do we offer to our Customers?

Historical Analysis and continuous monitoring

All the data you need to make the best decisions. We analyze the temporal evolution of the phenomenons starting at least from 2016.

Automated SaaS Platform

No technological expertise, but 100% of time dedicated to finding the best solution to the identified risks.

No initial investment

There is no need to buy servers or processing infrastructures, our monitoring algorithms in cloud are available as a service paying a small fee based on the size of your area of interest.

High Accuracy

Hundreds of analysis points and identification of risk factors that can have an impact on urban area.
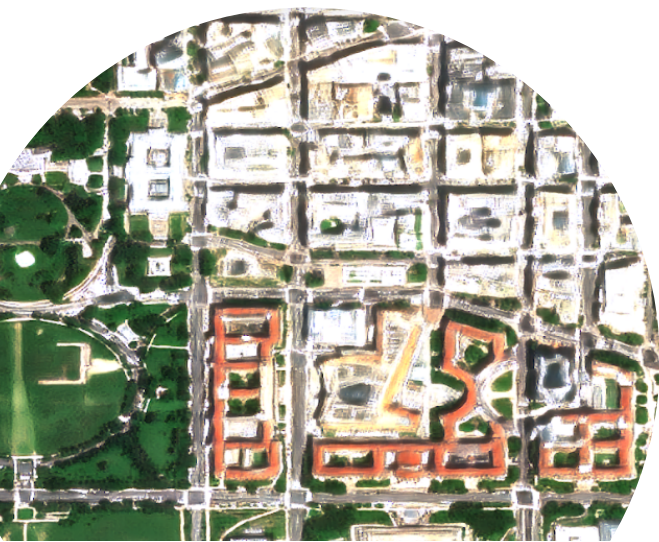
Applications

Air Quality Indicators

Climate Adaptation Indicators

Risk analysis of natural disasters

Evolution of urban quality life
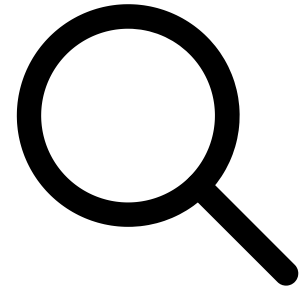
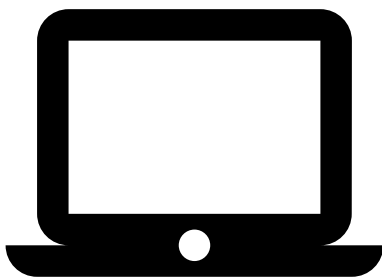# Latitudo 40 Urban Analitycs in a nutshell

A source of data always available and updated to identify risks
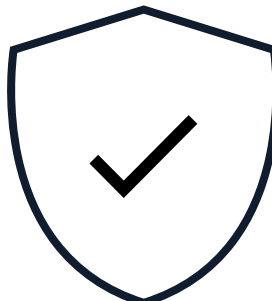
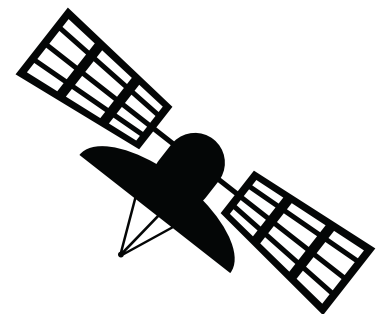**A source of data always available and updated to identify risks**

Keep areas of highest risk under control with continuous monitoring, without having to install sensors

The information you need in a dashboard, in a report or integrated via API in external software

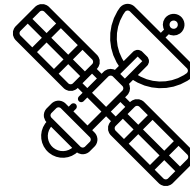**Total concentration on the safety of citizens or on your assets**

All the power of satellite images without any specific knowledge on GIS technologies

LATITUDO 40 ®

Months to hours:
This is our Promise

Select your area or specify your city

We collect the data and process it for you.

Notifications for any new information available

Ready-to-use graphs, maps and reports

Fully automated workflow based on multiconstellation satellite imagery, to accellerate the adoption of environmental and climate data and analysis in any type of organization.

Existing Sensors & Open Data

API

Sentinel Super Resolution

Automatic Data Collection

AI/ML climate processing chain

Latitudo40 Dashboard

Multi Satellites Aquisition

FIWARE

Urban Analytics is a product of