

GREEN SPACE ANALYSER

ANALYSE CHANGE IN GREEN SPACE OVER TIME

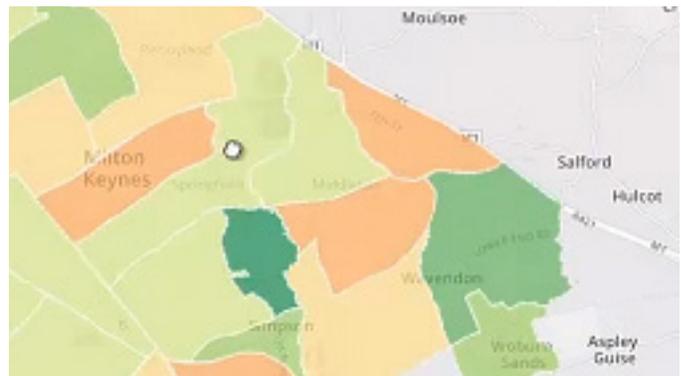
HOW DO YOU MEASURE THE EFFECTIVENESS OF YOUR GREEN INITIATIVES?

The Green Space Analyser is a Hexagon Smart M.App that analyses change in urban green space versus the growth of the built environment, or grey space, to provide information for land use planning, management, and to track progress as communities reduce their carbon footprint.



INTRODUCING GREEN SPACE ANALYSER

The Green Space Analyser offers unique insights into urban change, primary land use, infrastructure monitoring, land management, planning, and more. The Green Space Analyser dynamically connects to multiple years of imagery to model changes in green (vegetative) space and grey (urban area) space; presenting the information within one intuitive, interactive dashboard experience that supports maps, status tracking, and in-depth analytics. The Green Space Analyser synthesizes the power of remote sensing and GIS, combining very current, multi-source content with analytics to deliver an online, dynamic experience for understanding urban change in the present tense.



HOW IT WORKS

The Green Space Analyser, conceptualized and owned by our partner Sterling Geo, compares change in vegetative areas or “green space” to changes in urban areas, known as “grey space,” over multiple time periods. Through rich analytics, it assesses the ratios associated with green space, water, and grey space, and provides interactive tools for further analysing and understanding the change.

Analysis can be provided for single or multiple dates in time. Within the map, the ratio of green versus grey space is visualized as a thematic map, with zones representing administrative boundaries, and each zone attributed with summary statistics from the analysis.

GO GREEN

Offers unique observations around urban change, primary land use and land management.

COMPREHENSIVE ANALYTICS

Interactive maps and business graphics deliver a wealth of information at your fingertips.

DYNAMIC ANALYSIS

Current content provides meaningful and relevant insights.

SMART CITY PLANNING

Supports sustainable growth initiatives and smarter ways of analysing and managing urban spaces.

About M.App Portfolio

The M.App Portfolio provides a modern, cloud-based platform for developer partners to create and deliver diverse geospatial applications. Through the M.App Portfolio, our partners can design, build, and deploy their own Hexagon Smart M.Apps, using core technologies that our customers know and trust.



About Sterling Geo

Sterling Geo engineer solutions that transform space-borne, airborne and terrestrial data into accurate, actionable information. We have a reputation for capability, quality and service, emanating from a combination of having the right people and our specialist technical knowledge. Working both within the research and development and commercial sectors, our software and hardware offer a range of capabilities to work with big data and complex network environments used in delivering projects. At the forefront of all major changes and challenges that face the geospatial industry, Sterling Geo understands and undertakes work to meet the commercial and technical pressures that have evolved with big data and complex network environments.

About Hexagon Geospatial

Hexagon Geospatial® is part of Hexagon (Nasdaq Stockholm: HEXA B; hexagon.com), a leading global provider of information technologies that drive quality and productivity improvements across geospatial and industrial enterprise applications. Learn more at hexagon.com.