



# INTEGRATED SPATIAL & ENVIRONMENTAL MANAGERS

Innovative spatial solution  
COMPANY PROFILE

RC:1041297



## ABOUT ISEM

Formally registered in the year 2012 with a registration number **RC:1041297**, ISEM was born out of the desire to have an organization of experts who have the drive to make greater input in upgrading and updating the country through innovation with value-based knowledge and technology embedded solutions, and offering these solutions to various sectors of the economy as competitive services.

## WHO WE ARE

ISEM is an innovative organization that is very active in SaaS – be it Solution as a Service or Service as a Solution – based on Geospatial Services, Big Data Analytics, Mobile APP and Web Application Development, Consultancy Services, all encompassed within the definition of Business Intelligence; applying the state-of-the-art technologies in several domains such as Public Health, Agriculture, Oil & Gas, Telecommunications, Marine, Defence, Financial Services and Utilities

ISEM is that company that seeks to meet every Business Intelligence need in Nigeria, West Africa and the world.

ISEM is a leading technology group delivering solutions that help their clients gain competitive advantage and improve their efficiencies and ROI. ISEM has endeavoured to lead in the implementation of cutting-edge geospatial technologies, translating these solutions into value for customers through our professional services and consulting businesses.

Integrated Spatial & Environmental Managers (ISEM) is a dynamic organization which embodies and unites an elite team in the management of natural space and environment with the application of cutting-edge technology in the delivery of high end services.

## VISION

ISEM's vision is aiding clients in delivering greater value using Business Intelligence that is affordable, functional and with great ease of use. ISEM is to become one of the major players in the field of



Business Intelligence to several domains, bringing innovation and value-based prescriptive technology to clients.

## MISSION

To maintain organization, focus on her core areas of expertise and build relationships through rendering SaaS to clients by empowering the most innovative and value-based knowledge and technology to ensure total client satisfaction.

## WHAT WE DO

ISEM's solutions and services are designed to meet the Business Intelligence needs of our clients as well as provide specialist advice on emerging technology to her clients. ISEM's solutions and service packages include:

- Geospatial Services
- Big Data Analytics
- Mobile APP & Web Application Development
- Consultancy Services

### *Geospatial Services*

In accordance with industry standards, ISEM implement accurate, high quality data collection standards, superior analytical algorithms to proffer environmental, physical and social solutions, presented in the most accessible and effective formats.

ISEM's full spectra geospatial services and solutions meet the data collection, mapping, documentation, and application needs of a variety of markets. ISEM also utilizes GIS analysis for location planning, the power of geocoding, facility optimization, and land development to make better and effective business decisions to optimize marketing campaigns.

With the global trend in geospatial advancement and trend in neo geography, ISEM offers several applications in the realm of server GIS, Web GIS, and communal participation in data gathering and



sorting which provides measurable advantages in the areas of economic, health, e-Governance and environment.

ISEM is able to offer a full range of geospatial and analytics services such as:

- Business Analytics utilizing geospatial techniques
- Solutions for the financial world
- E-governance packages
- Web Applications
- Mobile Applications (APP)
- Consultations
- Environmental Impact Assessment
- Smart Data Presentations and Gathering
- Geographic Intelligence
- Geospatial Solutions in Epidemiology
- Geospatial Solutions in Demography
- Remote Sensing

### *Big Data Analytics*

Visualize and analyse your big data in a way that reveals patterns, trends, and relationships that reports don't. Even if your data exists in many disparate places, streams, or web logs, ISEM can pull it all together to help focus your decision making.

### *Geographic Analysis Turns Raw Data into Wisdom*

Imagine that the raw data coming fast and furious from many sources is the foundation of your big data strategy. This data is saturated with geographic elements that you're probably not using. Geographic tools help you filter and convert those elements into geographic layers of information. You can analyse those layers to create new, more useful maps for decision making.



## Expose Geographic Patterns

Maps are a way to see the story behind your data

- Retailers can see where promotions are most effective and where the competition is.
- Banks can get an explanation of why loans are defaulting and where there is an underserved market.
- Climate-change scientists can see the impact of shifting weather patterns.

## Find Spatial Relationships

Seeing spatially enabled big data on a map allows you to answer questions and ask new ones. Where are disease outbreaks occurring? Where is insurance risk greatest given recently updated population shifts? Geographic thinking adds a new dimension to big data problem solving and helps you make sense of big data.

## Perform Predictive Modelling

Predictive modelling using spatially enabled big data helps you develop strategies from if/then scenarios.

Governments can use it to design disaster response plans.

Natural resource managers can analyse recovery of wetlands after a disaster.

Health service organizations can identify the spread of disease and ways to contain it.

Companies can use it for Marketing Plans, Awareness Campaigns, Preventive Maintenance, etc.



## Get Geographic Insights from Social Media

Putting social media data on a map helps you track a dynamic situation.

Retailers display data feeds on maps to monitor and protect their brands.

Banks use geographic analysis to detect fraud.

The mapping of social media feeds has also helped governments worldwide gauge public sentiment in real time during significant events, such as elections and uprisings.

## *Mobile APP & Web Application Development*

At ISEM, we realize that geospatial solutions transcend map display, we incorporate the power of location into our solutions, we have built superior database of spatial entities and social characteristic which we incorporate into our cloud based application applications and this powers superior analytics for our subscribers. You can leverage the power of spatial data analysis and web tools such as internal collaboration, public/private integrations, reporting/analytics, Web/Mobile GIS applications, consumer characteristics and many more.

ISEM's Enterprise Solutions and Services Developer deliver on-time and on budget.

We recognize the challenges that mitigate the operational technological use in sub-Saharan Africa and the developing world and our applications are built to minimize the complexity of the solutions and services and to maximize the benefits in view of these challenges.

## *Consultancy Services*

ISEM provides independent Business Intelligence consultancy services for all sizes and types of organization. With a highly experienced in-house technical team, we maximize geospatial data and analytics to provide information you need to complete your project successfully. We at ISEM have a passion for strong customer relationship that generate long term partnership.



ISEM'S GIS Consultancy Services include:

- Environmental Analysis and Mapping
- Business Analysis and Mapping
- Transportation Mapping
- GIS Application design and development
- Community and Infrastructural Mapping and Analysis
- Software Sales
- Training and Support
- Data Sourcing
- Data Capture and Conversion
- Database Design and Creation
- Spatial Analysis
- Map and Data Output
- Custom Reporting

## TRAINING

ISEM offers both general and tailor-made Business Intelligence training.

Our training packages extend beyond basic knowledge in the use of GIS tools to incorporate several interlinked technologies that can help individuals set up a fully functional geospatial system. We create specified training to include Big Data Analytics with the business processes of our clients and deliver such training in our training room and at the comfort space of our clients.

## ISEM'S TEAM

ISEM has highly qualified, experienced individuals from a wide range of backgrounds ranging from project management, system design, geo-information science, geo-informatics, surveys and computer science. The diverse and multidiscipline team provides ISEM the leverage to excel in several fields and domains. Our team represents the strength of the Company and the integration of these professionals is the core of our service delivery.

