



GRC software that is  
integrated, visible, actionable

**ISO METRIX**

# Environmental Sustainability

## Typical challenges

Environmental Sustainability is a multi-disciplinary field which focuses on finding solutions to environmental problems and the development of improvement mechanisms for environmental issues across the organization.

The role of the HSE practitioner has typically been focused on:

- risk assessments
- qualitative and quantitative audits/inspections
- incident management
- basic environmental monitoring

IsoMetrix facilitates sustainability reporting according to global guidelines such as the Global Reporting Initiative (GRI).

The advent of integrated Governance, Risk and Compliance (GRC) management and integrated reporting has significantly increased the scope of what the environmental practitioner needs to measure, monitor and report. Ineffective systems mean that performing these tasks becomes increasingly difficult.

Much of the information gathered has been spreadsheet based, managed in silos and often outsourced to external service providers.

Depending on non-centralized systems is extremely inefficient.

- Consolidation of multiple spreadsheets makes report generation extremely time consuming
- Having data in disparate systems makes it difficult to understand and respond to
- Visibility of trends and exceptions is low
- Data security is compromised

The result is that the environmental practitioner spends more time on the clerical tasks of chasing up instructions, compiling reports and producing statistics than focusing on monitoring the effective implementation of compliance improvements.

## Our solution

The IsoMetrix Environmental Sustainability solution is an integrated web-based platform that is based on the requirements of ISO 14001 and incorporates the relevant clauses outlined in the ISO 26000 guidelines. IsoMetrix enables:

- efficient tracking of performance against compliance and obligations
- the organization to meet its sustainability management and its integrated reporting needs

The IsoMetrix Environmental Sustainability solution is used for:

- reviewing the company's environmental goals
- analyzing its environmental impacts and legal requirements
- setting environmental objectives and targets to reduce environmental impacts and to comply with legal requirements
- establishing programs to meet these objectives and targets



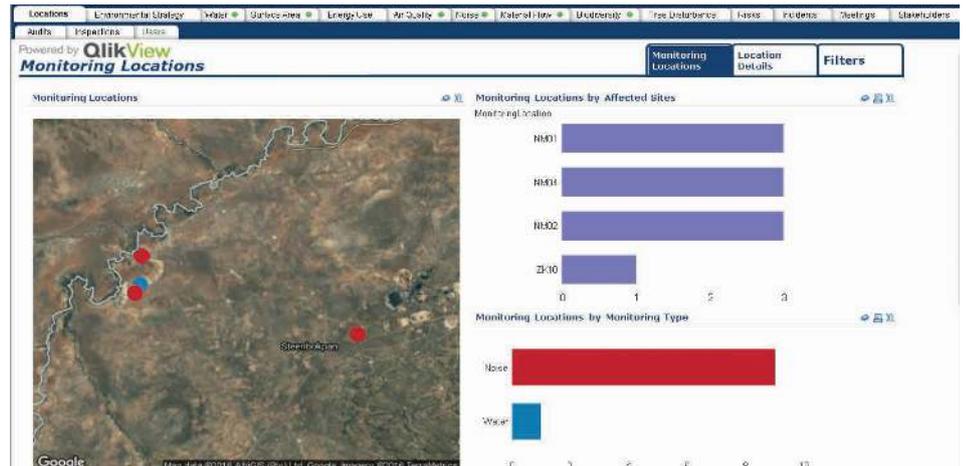
	Electricity	Biodiversity	Water	Material Flows	Air Quality	Surface Area Change	Noise
<b>Examples of monitoring categories</b>	Scope 1 – liquid and solid fuel Scope 2 – electricity consumption Scope 3 – air and employee travel	Biodiversity taxonomy categories and levels	Water use Water quality Water level monitoring categories	Materials used Materials stored Products sold Waste streams including disposing method	Fallout dust Ambient emission	Surface area baseline Land use change over time	Urban Residential
<b>Track, analyze and report on</b>	Energy use and associated carbon emissions Performance of energy mitigation and enhancement initiatives GRI EN indicator performance reporting	Impact of activities on biodiversity Biodiversity species baseline and biodiversity assessment by endangered status Effectiveness of biodiversity enhancement initiatives GRI EN indicator performance reporting	Water use Water quality result analysis Water level tracking Performance as well as the effectiveness of water use and recycling initiatives GRI EN indicator performance reporting	Analysis of material flows throughout the business Effectiveness of recycling efficiency initiatives GRI EN indicator performance reporting	Fallout dust monitoring trends Ambient emission results Effectiveness of air quality improvement initiatives GRI EN indicator performance reporting	Surface area change baseline Land use changes throughout the business/ operation life cycle Effectiveness of rehabilitation and land clearing initiatives GRI EN indicator performance reporting	Noise compliance performance Effectiveness of noise reduction initiatives

## What are the key features?

- monitoring and measuring progress in achieving these objectives
- ensuring employees' environmental awareness and competence
- reviewing progress of mitigation and enhancement initiatives
- reporting on environmental indicator performance

The IsoMetrix dashboards, powered by QlikView:

- track performance of the monitoring results against their compliance thresholds
- assess how effectively the impact mitigation and enhancement initiatives have been implemented



### Monitoring locations

reports which are customized to our clients' reporting requirements

- The Environmental Sustainability solution integrates with IsoMetrix risk, incident, compliance, audit and inspection management

The effective implementation and use of the IsoMetrix Environmental Sustainability solution will secure your environmental license to operate.

## Why choose IsoMetrix?

**Agility.** What makes IsoMetrix exceptional is that new modules can be created, or existing ones modified, without a single line of code being written. Because systems can be configured by people who are not developers, organizations can significantly reduce the cost and speed of the initial creation of, and enhancements to, the system. While every customer

might have a bespoke solution, they all share the same source code.

**Integration.** The ease with which new modules can be created in IsoMetrix means that systems that are usually not integrated – islands of information such as standalone spread sheets and databases – can be consolidated into a single system, with centralized administration and security. Integrating systems in this way drives organizational efficiency.

**Visibility.** By integrating and centralizing disparate systems, management has visibility over information such as areas of risk, trends, overdue activities, and non-conformances. Greater visibility enables better decision-making. The IsoMetrix dashboards, powered by QlikView, present immediate visibility around areas of concern such as overdue activities and non-conformances, as well as the analysis of trends and exceptions.

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Good Business



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