CO₂

Your trusted partner in the journey to a sustainable tomorrow.
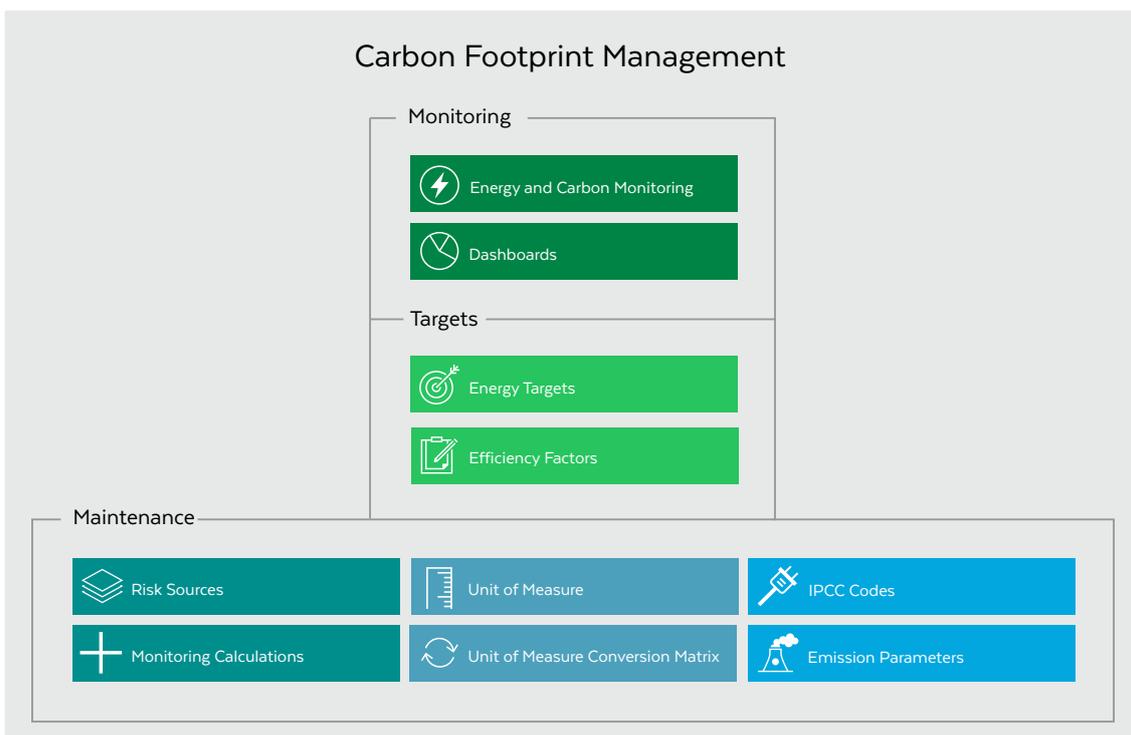
ISOMETRIX

Carbon Footprint Management

The repercussions of climate change are a reality and industry needs to take proactive and responsible steps to reduce their greenhouse gas (GHG) emissions. In addition, there are either mandatory or voluntary reasons to calculate and report your carbon footprint, as well as carbon tax that is applicable in certain countries.

There is increasing public awareness of the potentially life-threatening repercussions if global average temperatures rise above acceptable thresholds and, in many cases, investors and stakeholders now seek to know how organizations are managing their GHGs and associated climate change risks.

Calculating and managing your carbon footprint is the first step in managing your GHG related risks. However, calculating a carbon footprint becomes tricky when direct (scope 1) and indirect (scope 2 and 3) emissions need to be taken into consideration. There is also a variety of calculating guidelines using different emission factors and formula that needs to be considered.

Benefits of measuring your carbon footprint:

· Identify carbon and energy sources

· Identify energy and carbon reduction opportunities

· Identify carbon offset solutions

· Report to mandatory or voluntary guidance publications

· Communicate green credentials and intentions with shareholders, customers and staff

· Disclose emissions to your corporate customers who may already have a regulatory reporting requirement, both local and international

· Demonstrate environmental stewardship

· Voluntary adoption provides first-mover advantage in non-regulated environments and improves market credibility

Carbon Footprint Management Interface

Our Solution

Futureproof your business with the IsoMetrix Carbon Footprint Management Solution. Our turnkey solution allows you to calculate, track, report and manage your carbon footprint.

Because of the software's agility, this solution meets the requirements of a variety of published guidelines and protocols and allows for the use of specific emission factors and formulae. The transparency of the formula makes it easily auditable.

Energy targets can be set along with actions which can be tracked to completion, to ensure energy and carbon related objectives are met. Intensify factors as a function of CO2e can also be set up.

Which companies are sensitive to GHG emission risks?

- Companies with fossil fuel intensive operations
- Fuel-combustion for vehicles, generators, boilers, smelters, furnaces, etc.
- Companies with chemical processes
- Cement, lime, glass, chemicals production, metallurgy, etc.
- Companies with fugitive emissions
- Mining, transportation of fuel (trucks, pipelines), landfill, etc.

Features of the IsoMetrix Carbon Footprint Management Solution

- Customizable dashboards can be transformed into a company-wide performance tool, relevant for reporting and management purposes
- **Flexibility**: create calculations and report to a variety of publications, be they voluntary or mandatory
- **Customizable**: solutions can be easily set up for specific situations
- **Integration**: link with databases or other risk-management processes

Advantages of the IsoMetrix Carbon Footprint Management Solution

- Managers can get accurate information about their carbon footprint by drilling down to the contributions of individual activities
- The design of the solution enables transparency of inputs such as emission factors, units and formula thus making for an easily auditable system which can be updated at any time
- Data generated from the solution makes for ease of reporting to local or international requirements or for corporate purposes
- Alerts or notifications can be triggered when data does not conform

Powerful Dashboards

The real power of the IsoMetrix Carbon Footprint Management Solution lies in its built-in dashboard capabilities. Dashboards are customizable, you can control what data is visible and how its displayed according to user profile. Reporting is made easy through story boards and automation. Managers can quickly detect if certain data does not conform, as well as being notified immediately of a non-conformance or when any trigger is activated.

Carbon Footprint Management Overview

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